



The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

JANUARY 3 1953



BACK TO
NORMALITY...

Display
Acriflex

FOR SEVERELY CHAPPED HANDS

IN TUBES — RETAIL PRICE 1/3 & 2/3

ALLEN & HANBURY'S LTD LONDON E 2



An artist's impression of the entrance hall of Biddle, Sawyer & Co., Ltd., London—headquarters of the Biddle, Sawyer world organisation. The fine 18th. century archway and staircase was designed by the Adam brothers.

Biddle, Sawyer & Co., Ltd., extend a welcome to all who are interested in the sale and purchase of pharmaceuticals . . . and confirm their constant endeavour to bring to the knowledge of their friends throughout the world, the latest developments in the pharmaceutical field.

Biddle, Sawyer & Co., Ltd.

4 GRAFTON STREET, LONDON, W.I

Telephone: REGent 0521

Telegrams: Bidsawya, Piccy, London

Cables: Bidsawya, London

Associated companies and offices throughout the world

PARIS

NEW YORK

BOMBAY

BUENOS AIRES

RIO DE JANEIRO

JOHANNESBURG

FRANKFURT

HONG KONG



IMPORTANT CHANGE IN RETAIL CHEMIST TRADE

Yorkshire chemist explains recent trends

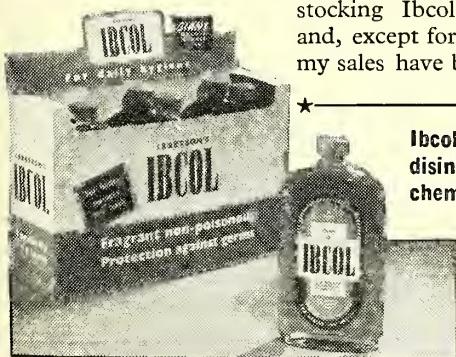
"DURING the last nine months I have been struck by a very definite change in the purchasing habits of my customers. I have noticed that sales of many higher priced products — even well known ones — have been dropping considerably. My customers, from all social classes, have still been demanding top quality products but they are less prepared to pay fancy prices for them. In other words they are determined to get the utmost value for their money.

I have therefore made a point of meeting my customers' altered needs by looking out for products which still give top quality but at more reasonable prices.

FINDING THE RIGHT PRODUCTS

Following up this policy, I began searching for a product to take the place of the more expensive brands of germicides. After making my own tests and experiments with various products, I came to the conclusion that one of them was quite outstanding—and that was Ibcoll. It is an all-purpose germicide, containing ten active ingredients, and that is why it is regularly used in leading hospitals. The price, however, is so reasonable that everyone can afford to use it.

I decided, therefore, to give Ibcoll a trial in my shop, and I'm very glad I did. I bought a dozen bottles just to see if my theory was correct, gave them a good display on my main counter and in three or four days had sold them all. Since then, I have been stocking Ibcoll regularly and, except for one week, my sales have been going



Ibcoll, the all-purpose germicide disinfectant is ideal for display in a chemist's shop. A really first-class product—backed by national advertising. Attractive, neat and handy display cartons. Reasonable prices. It has everything in its favour.



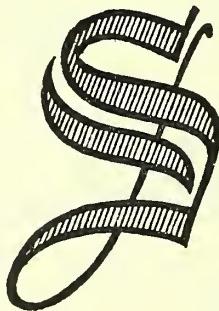
★ It is quite clear from the evidence of this chemist and thousands like him that the public are becoming increasingly insistent on getting value for money. They know that in Ibcoll they have a top quality all-purpose germicide but at such a reasonable price they can afford to use it everywhere. That is why it pays to display Ibcoll where your customers can see it all the time. ★

up steadily all the time. I find the 8 oz. and 16 oz. bottles sell best in my shop.

VALUE OF DISPLAY

Finding there was a genuine demand for Ibcoll, I have been stimulating sales still more by giving it a small but prominent display all the time. It is all the easier to do this because Ibcoll comes ready packed in handy display cartons. All you have to do is to open them and there you are with smart looking displays all ready for your counter or window—bringing increased profit without taking up a lot of room. I'm sure Ibcoll displays are very important. People come in with prescriptions and then seeing Ibcoll, are reminded to buy a bottle of that as well—which means of course, valuable extra business."

This particular chemist's experience of Ibcoll is similar to thousands of others. If you are not already stocking Ibcoll please write to Ibbetson's, River Road, Barking, Essex.



The Directors and Staff
would like to wish all
their Customers
a Very Happy and
Prosperous New Year

Sangers, Ltd.

258 Euston Road,
London, N.W.1



Best Ever!

A gratifying and popular verdict
on the current advertising!

And now new guns are brought to
bear in the form of weekly pro-
grammes from

Radio Luxembourg

continuing right through to the end
of April.

Book your window displays and
show material and

Order Now

Bonus in kind can only be allowed
when one or more of the standard
parcels E, F, G, J, L and P are
ordered. Apart from the bonus
parcels, other quantities of Crookes
Halibut Oil and Capsules and
Halibut Oil Emulsion can always
be supplied at normal discount.
Orders over £2 nett, carriage paid.

<i>Standard Bonus Parcels</i>		
PARCEL	39×25 Capsules @ 2/6 Retail	
E	Total retail value	£4 17 6
	Cost of parcel	£3 0 9
PARCEL	26×5 m.l. Drops @ 2/- Retail	
F	Total retail value	£2 12 0
	Cost of parcel	£1 12 5
PARCEL	13×15 m.l. Drops @ 5/- Retail	
G	Total retail value	£3 5 0
	Cost of parcel	£2 0 6
PARCEL	13×30 m.l. Drops @ 9/- Retail	
J	Total retail value	£5 17 0
	Cost of parcel	£3 12 11
PARCEL	13×100 Capsules @ 8/6 Retail	
L	Total retail value	£5 10 6
	Cost of parcel	£3 8 10
PARCEL	13×15 m.l. Infants' Emulsion @ 3/6 Retail	
P	Total retail value	£2 5 6
	Cost of parcel	£1 8 4



P.A.T.A.

CROOKES HALIBUT OIL

THE CROOKES LABORATORIES LIMITED · PARK ROYAL · LONDON N.W.10

JKL

Happy New Year

JOHN KELLYS (LONDON) LTD.
24 OLD BROAD STREET, E.C.2

Telephone : LONDON Wall 4882, 6585, 6586
Telegrams : "Ergotine, Stock, London"

NEW YORK

HAMBURG

NYCOL LADDERSTOP

**SELLS OUT
BECAUSE IT
RINSES
OUT!**



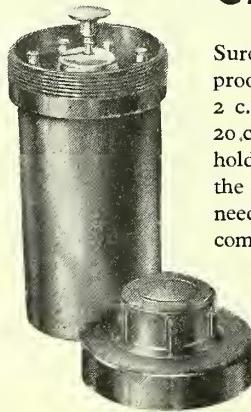
YOUR Wholesaler
STOCKS NYCOL—The
ONLY Nationally Advertised
Ladderstop. 8/6d. per doz. + 25% tax.

Biometica Ltd., Bullhead Rd., Boreham Wood, Herts.
(Manufacturers of Bu-to-the ROSE SCENTED hair remover)

G & G

SURQUAL

PLASTIC SYRINGE CASES



Surqual plastic syringe cases, spirit proof, made in four sizes to hold 1 or 2 c.c. syringe and 5 c.c., 10 c.c. and 20 c.c. syringes. The pocket size will hold syringe and needle complete and the larger sizes hold syringe and eight needles. Made from durable plastic, completely spirit proof. Ideal for doctors, hospitals, diabetics, etc., the 1 or 2 c.c. size can be supplied with a base for standing on desk.

DETAILS FROM

SES

SURGICAL EQUIPMENT SUPPLIES LTD
WESTFIELDS ROAD, LONDON, W.3

T.A.5098

FERRIS & COMPANY, LTD.

BRISTOL

MANUFACTURING AND
WHOLESALE CHEMISTS

The House in the West for all Chemists' Supplies. Send us your orders for prompt and careful attention.

REGULAR ROAD DELIVERIES
in the West of England and S. Wales areas.

Telephone : BRISTOL 21381

Telegrams : FERRIS BRISTOL

It's advertised everywhere and in steady demand

NERVONE

The New Biochemic Tablet

Show material gladly sent free on request

'NERVONE' CECIL HOUSE, HOLBORN VIADUCT, LONDON

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'RADIO-MALT'

for radiant health

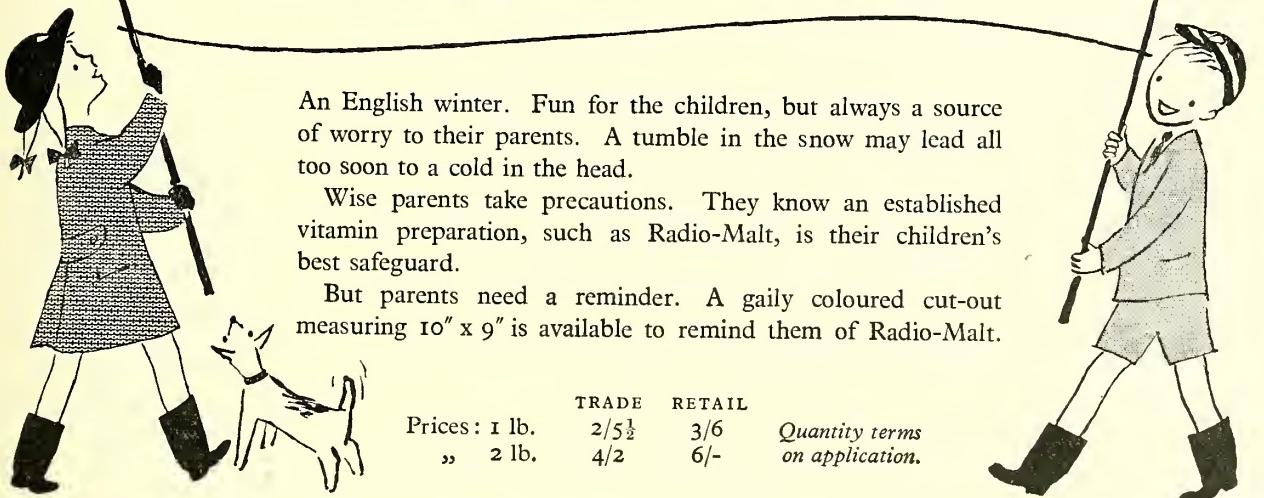
An English winter. Fun for the children, but always a source of worry to their parents. A tumble in the snow may lead all too soon to a cold in the head.

Wise parents take precautions. They know an established vitamin preparation, such as Radio-Malt, is their children's best safeguard.

But parents need a reminder. A gaily coloured cut-out measuring 10" x 9" is available to remind them of Radio-Malt.

	TRADE	RETAIL
Prices: 1 lb.	2/5½	3/6
,, 2 lb.	4/2	6/-

*Quantity terms
on application.*



THE BRITISH DRUG HOUSES LTD. LONDON N. I.
RM/T/9

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RECOMMENDATIONS

FROM
 DOCTORS
 HOSPITALS
 CLINICS
 SATISFIED
 USERS
 AND
 YOU

Many thousands of bottles have reached the public via Doctors' prescriptions (Over half-a-million during the past year)—Thousands more through recommendations from satisfied users. You will know (even better than we do) from your direct contact with these users that DIUROMIL affords benefit and lasting relief in the treatment of:—

RHEUMATISM — GOUT — ARTHRITIS FIBROSITIS — CYSTITIS — PYELITIS

DIUROMIL is an ethical product regularly prescribed by Doctors all over the country, and we thank you for your valued co-operation in this chain of demand.

Should you not be getting your full share of this trade, why not earn the gratitude of your customers and augment your prescription trade by the immediate return you can obtain through recommending DIUROMIL? Your orders may then (if they do not already) qualify for generous quantity discounts.

If you are not already familiar with the action of DIUROMIL, literature and a sample will gladly be sent on request.

Diuromil

can be sold without medical prescription.

AVAILABLE IN TWO SIZES

Standard (approx. 3 oz.) 5/7½d. Including
 Large, 8 oz. 12/6d. 5/- Purchase Tax

Write for Trade terms

PHARMAX LIMITED, THE ORGAN WORKS, OLD HILL, CHISLEHURST, KENT.

A PHARMAX PRODUCT



CHLOROPHYLL

is today the
BIGGEST BEST SELLER!

We are the first to offer it in the most pleasant way
at a very popular price and with a large margin of profit
for you as

"PHYLL"

CHLOROPHYLL CHEWING GUM

(NO POINTS)

If you are a Wholesaler . . . please fill in and send us the attached coupon

If you are a Retailer . . . please fill in and send us the coupon as well; we shall pass it to wholesalers distributing these lines

To DEGREE MANUFACTURING CO. LTD.
Southall Lane, Southall, Middlesex

Send me—without obligation on my side—FREE samples, prices and other details of "PHYLL" the Chlorophyll Chewing Gum

I am a WHOLESALER / I am a RETAILER
(Please delete words not applicable)

Name

Address

New! for Babies

News for You!



**Rose Hip AND
Orange AND
Extra Glucose—
in ONE Syrup!**



it's **Rosena**

For the first time Rose Hip syrup, pure Orange Juice and extra Glucose have been combined in one delicious blend — ROSENA.

Made by the makers of Ribena, it is —

- ★ Rich in Vitamin C — not less than 56 mgms. per fluid oz.
- ★ Contains EXTRA Glucose with cane sugar and fruit sugar.
- ★ Sweetly blended to appeal especially to babies and young children.
- ★ Can be taken neat or diluted.
- ★ Does not cause stomach or bowel troubles.
- ★ Fully supported by national advertising in women's magazines, doctors' and nurses' papers and attractive display material.

P.A.T.A.

A CHEMISTS ONLY LINE

Order now!

**Rosena
is another
winner from
Carter's of
Coleford, Glos.**

To the Public: 2/10 a bottle (approx. 8 ozs.)

To Chemists: (Minimum direct — 6 doz.)

1 dozen: 27/- per dozen

6 dozen: 26/4 " "

12 dozen: 24/8 " "

WINDOW DISPLAY BONUS

In return for 14 days' continuous Window Display we will allow a special bonus of 2 bottles to every 2 dozen ordered during January and February ONLY — whether ordered direct or through Wholesaler. Bonus despatched direct from Manufacturer only.

THERMOGENE MEDICATED WADDING



**Large Space
Advertisements
in National Dailies
include HALF-PAGE in
DAILY EXPRESS next week!**

Make sure you have THERMOGENE on show!

(SEE NEXT PAGES)

HALF-PAGE in DAILY EXPRESS, JAN. 8

“THERMOGENE” MEDICATED WADDING *warms away Pain*

of Rheumatism, Fibrositis, Lumbago, Neuritis, Sciatica,

Of all chemists

2/- & 5/-

(the 5/- size contains treble quantity)



Under medical direction, Thermogene Medicated Wadding is the ideal pneumonia jacket. Wrapped around any part of the body, Thermogene Medicated Wadding affords excellent comforting protection from chill. Strips of the Wadding insoles in the shoes keep the feet warm on the coldest days.

THERMOGENE protects you and your family

NE

G

chitis, etc

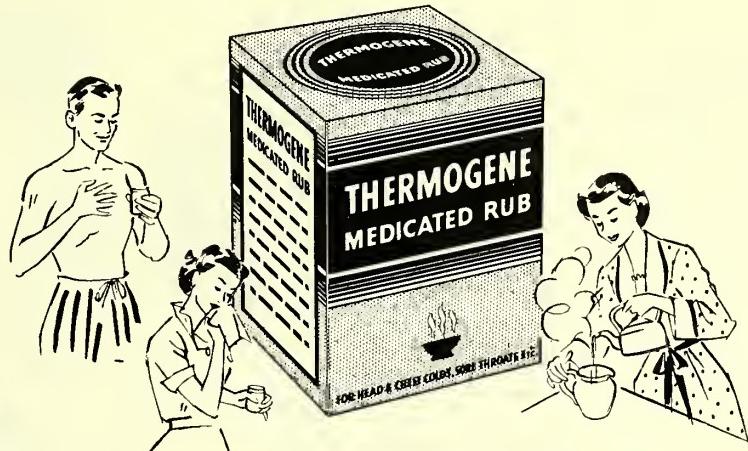
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For comforting from the pain of Fibrositis, Lumbago, Bronchitis, etc., Thermogene Medicated Rub is active, healing as the pain,

es the next
h and
rn as



'Thermogene' is a regd. trade mark



'RUB out' COLDS & COUGHS !

If you feel a head or chest cold coming on — act quickly! 'RUB it out' with Thermogene Medicated Rub! Apply the Rub liberally to chest and throat. Almost at once you will feel a comforting warmth that will stimulate the local circulation and disperse the congestion — almost at once you will begin to

breathe in the refreshing medicated vapour that will soothe your throat and lungs, relieve your catarrh and ease your breathing. Also dab a little Thermogene Medicated Rub on your handkerchief and

— for extra quick action — stir a teaspoonful of the Rub in a jug of boiling water and inhale the steam.

THERMOGENE MEDICATED RUB

(Orange carton)

Of all chemists, price 2/-



A special RUB for Children's Colds !

Thermogene Rub for Children is similar in action to Thermogene Medicated Rub, but is exceptionally bland, imparts a gentle, comforting warmth and yields a pleasantly medicated vapour that soothes throat and lungs, and relieves the stuffiness, chestiness, and throat tickle which

are the usual symptoms of a child's cold. If, at the first sign of a sniffle or cough, Thermogene Rub for Children is applied liberally to the child's chest, neck and back at bedtime, it will usually 'RUB out' the more distressing symptoms of a cold during the night.

THERMOGENE RUB for CHILDREN

(Blue carton)

Of all chemists, price 2/-

ur Family against Winter Ills !

HALF-PAGE in DAILY EXPRESS, JAN. 8



THERMOGENE MEDICATED RUB



THERMOGENE RUB for CHILDREN

Large Space Advertisements in National Dailies
include HALF-PAGE in DAILY EXPRESS next
week! *Make sure you have THERMOGENE on show!*

(SEE PREVIOUS PAGES)



TABLETS of QUALITY

*Manufactured by
modern machinery
under skilled supervision*

Quotations for large or small quantities

RICHARD DANIEL & SON LTD
MANUFACTURING CHEMISTS

MANSFIELD ROAD **DERBY** TEL. 48266 (4 lines)
And at GROSVENOR STREET, ASHTON-U-LYNE. TEL. 2816 (3 lines)

Never without **JOHN BELL'S COLD CAPSULES**

Hundreds of chemists and thousands of customers are never without John Bell's Cold Capsules. There's steady business in this ever-popular preventive and treatment in the common cold, business that's on the way now—order supplies today



BONUS DISPLAY TERMS!

13 for every dozen on orders of 3 dozen and over;
attractive display stands supplied.

Retail price 1/- per tin. Trade 11/6 per dozen.

**JOHN BELL, HILLS &
LUCAS LTD**

Oxford Works, Worsley Bridge Rd., London, S.E.26

VAPEX

The most
successful
vapour treatment
for colds

NATIONAL ADVERTISING. A comprehensive scheme of press advertising appears continuously throughout the winter months in journals with a nation-wide circulation and popular appeal, the readership being 35,000,000 per issue.

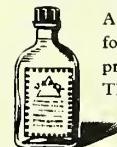
DISPLAY MATERIAL. Good showcards are yours for the asking. Remind your customers that you are able to supply. Every advertisement for Vapex is an advertisement for the chemist

INHALER



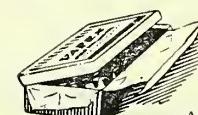
Provides a convenient, unobtrusive method of using Vapex during the day. Easily recharged from a standard Vapex bottle.

INHALANT



A safe and effective treatment for head colds and a valuable precaution against influenza. The original handkerchief inhalant.

PASTILLES



Present the properties of Vapex in a convenient form. As each Pastille slowly dissolves in the mouth the Vapex vapour is gradually released.

THOMAS KERFOOT & CO. LTD
VALE OF BARDSTON · LANCASHIRE
BARDSTON HOUSE · LONDON N.1



O Yez! O Yez!



Now contain the magic tasteless
and harmless CHLOROPHYLLIN
-BANISHING BAD BREATH AND
BODY ODOURS!

(MAKES THE COAT BETTER
AND IMPROVES HEALTH)

Manufactured by Tyneside Butchers By-Products (Pet Foods) Ltd.

Send your orders and enquiries to sole Distributors:

TYNE BRAND PRODUCTS LIMITED

Phone 1223/5 North Shields

NORTH SHIELDS

Telegrams: Tyne Brand, North Shields



START WELL—with Silcot. Women praise the comfort of Silcot. Retailers are pleased with their sales of Silcot. So you see it is a towel worth having as one of your regular lines.

WHAT MAKES Silcot so popular with many women is its fine quality yet reasonable price. The soft cotton wool and smooth knitted covers give them all the comfort they want. That is why they ask every time for Silcot.

MORE THAN THAT, Silcot is nationally advertised. You are selling a line about which millions of women are reading regularly in the leading magazines.

MAKE SURE you start selling Silcot now. It will give you a good start to the new year. It will help you to a good finish.

SILCOT

Sanitary Towels

COTTON WOOL · KNITTED COVERS · STITCHED LOOPS

A GOOD QUALITY SOLUBLE TOWEL—VENSILLA
Of ample thickness, made from pure
cellulose, with soft knitted covers

MACDONALD & SON LTD · HOPE MILLS · POLLARD STREET · MANCHESTER 4

NEW HORIZONS . . .



One of the Peppermint fields on the new Ransom farm at St. Ives.

A corner of the Still Room in which Ransom's Oil of Peppermint is prepared. Its unrivalled quality is due to the extreme care of its production.

. . . in drug growing

THE cultivation of medicinal plants is a yeoman industry that has more than weathered the passing years. It has, in recent years, assumed undreamed-of dimensions, despite the increase in the use of synthetic drugs. To meet this expanding demand for vegetable drugs and galenicals Ransoms have acquired additional farmlands at St. Ives, Hunts., with which to augment the capacity of their well-known drug-growing fields at Hitchin. With their century of experience Ransoms now hold a position in the drug-growing industry which is second to none—the name Ransom having become synonymous with drugs and galenicals of unsurpassed quality the world over.

Actual growers of belladonna, henbane, foxglove, chamomile, peppermint and lavender.



ESTABLISHED 1846



WILLIAM RANSOM & SON LTD.
Hitchin Hertfordshire England





CARNEGIES

Manufacturers of Fine Chemicals

We take pleasure in announcing the publication of a new and comprehensive list of the products which we have to offer, giving the sizes and types of standardized containers in each case.

It also contains an interesting selection of colour plates.
If you are interested and have not already received a copy

PLEASE APPLY TO

CARNEGIE CHEMICALS (WELWYN) LTD
CARNEGIE QUININE WORKS LTD
CARNEGIE BROTHERS LTD
CARNEGIE ORGANICS LTD

WELWYN GARDEN CITY · HERTFORDSHIRE · ENGLAND

TELEPHONE: WELWYN GARDEN 506 (4 LINES) · TELEGRAMS: CARNECHEM WELWYN GARDEN

BARTLETT'S Super Value Protector BRAND SunGlasses for Coronation Year

In the new 'Protector' Brand Sun Glasses, Bartletts offer keener value and a wider choice than ever before.

Over 150 of the latest styles in

plastic, metal and jewelled frames at prices from 6d. to 3gns.

British, French and Italian sun glasses and Clipovers with Crookes lenses—Adults, Teenage and Children's sizes in a wide variety of colours.

Write or phone for your copy of the new Bartlett Coronation Year Brochure.

ORDER FROM YOUR USUAL WHOLESALER

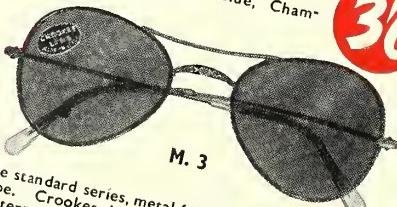
4 FEATURES FROM THE NEW RANGE



P. 19

The very latest style Sun Glass with heavily engraved front and branch. Specially chosen for Coronation Year. Crookes Lenses and pin-hinges. Colours: Crystal rose, Blue, Champagne or Clear.

RETAIL PRICE
3/-



M. 3

The standard series, metal frame, pilot-type. Crookes Lenses. Choice of 5 patterns in Gilt or Nickel Plated finish. Screw joints plastic adjustable nose pads, plastic earpieces and sweat bar.

RETAIL PRICE
7/-



J. 1

Ultra-smart jewelled Sun Glass with shades of Crystal Rose, Champagne, Blue and Clear—also Shell colour, quality Decorated with normal rhinestones.

RETAIL PRICE
4/-



CLIP OVERS

Sliding bar style with Crookes Lenses. Panto or Quadra shape.

RETAIL PRICE
**3/- NICKEL
4/- GILT**

All Wholesale enquiries
to this address please

ALFRED FRANKS & BARTLETT CO. LTD

226/8, GRAYS INN ROAD, LONDON, W.C.1.

Telephone: TERminus 9865/8





It's a perishing thought Outdoor bathing in **WINTER!**

*but it's equally unpleasant
to think of being short of
Bathing Caps in Summer*

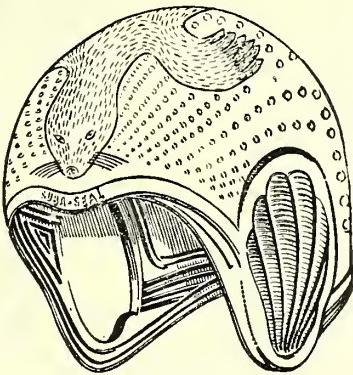


BATHING CAPS

Be in the swim, order your supplies of these big-demand bathing caps NOW so that you can "make a splash" with the summer swimmers.

The "Suba-Seal" serrations on the internal edges form a complete vacuum seal that means dry hair for the girls who really get into the water.

Designed on a unique three-point triangular stress principle, with or without a strap, the sleek becoming shape has a superb glossy finish. The colours are in pastel shades of pink, blue, green, lemon or white. They are just as attractive as the price of 3/11.



*Individually packed
in attractive
cellophane, with
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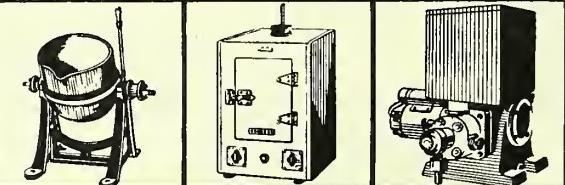
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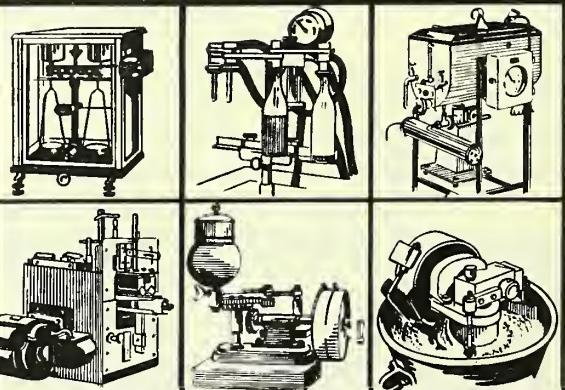
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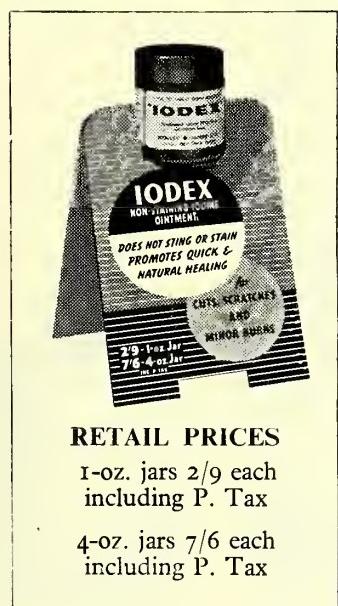
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* β -hydroxy- β -(2:5-dimethoxyphenyl)-isopropylamine hydrochloride

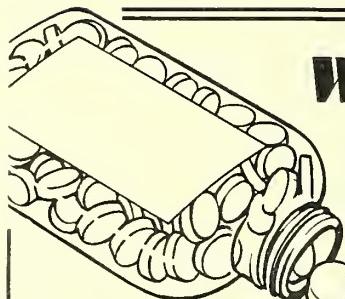


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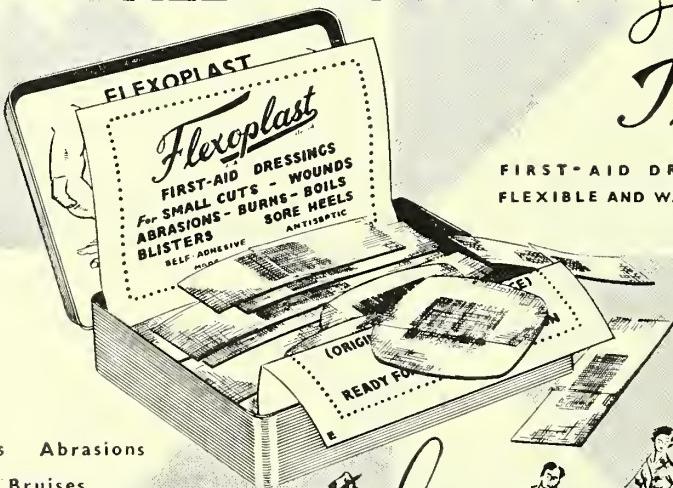
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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and
all sections of the drug, pharmaceutical and
fine chemical, cosmetic, and allied industries.

*Official organ of the Pharmaceutical Society of Ireland
and the Pharmaceutical Society of Northern Ireland*

Volume 159 January 3, 1953 No. 3802

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antiseptic - soothing

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The CHEMIST AND DRUGGIST

VOLUME 159

JANUARY 3, 1953

NO. 3802

'Assistants' Policy Attacked

TORQUAY CIRCULARISES ALL BRANCHES

TORQUAY Branch of the Pharmaceutical Society is sending to every branch secretary a statement of its strongly critical views on the Council's policy on assistants. The Branch feels alarm that the Society intends to seek legislation without consulting members as a whole.

The main points made are:—

The excuse is put forward that there is some pressure from an un-named body or bodies to which the Society must yield if it does not wish to be by-passed. The Society is, however, recognised by the Privy Council as the body responsible for the supply and control of drugs and medicines. How could it be, then, that the Society is by-passed? Who is exerting the pressure? The importance of the statement on assistants seems to have been overlooked by most pharmacists, precedence going to the code of ethics.

Not Concerned with History

Torquay Branch is not concerned with explanations based on history but is concerned at the practical application of the problem today. It has no objection to an assistants' examination, nor against raising the standards of assistants, but it considers that for the Society to be the agent is fatal. The Society does not say that registration or examination of unqualified assistants is intended, but does state that it will exercise control including control over their number in relation to qualified persons. It follows, therefore, that the Society must maintain an assistants' register. That will give an assistant the right to use the name of the Society in connection with his training and examination. How can the public be expected to recognise the difference between the assistant so registered and the pharmacist? It is specially unfortunate that the Society should have chosen the title "Pharmacy Assistants" to describe these people. What is to prevent an assistant from describing himself "T. Jones, Pharm. Assist."?

If an assistant opens a drug store, what will distinguish his shop, in the eyes of the public, from a pharmacy? Should the Ministry of Health decide to follow the Society's lead and recognise such people as capable of dispensing EC10 prescriptions, then the only prerogative of the pharmacist will be the right to sell poisons. Even though assistants be not recognised as being capable of dispensing prescriptions without supervision, further competi-

tion in the retail trade would seriously jeopardise the provision of a dispensing service. In the long run the public will suffer, for they will be deceived into thinking they are dealing with a qualified chemist. Present National Health Service payments are based on the cost of a qualified person's services. Should assistants become recognised as competent to dispense N.H.S. prescriptions, might not the Ministry of Health decide to base payments on their salary scales?

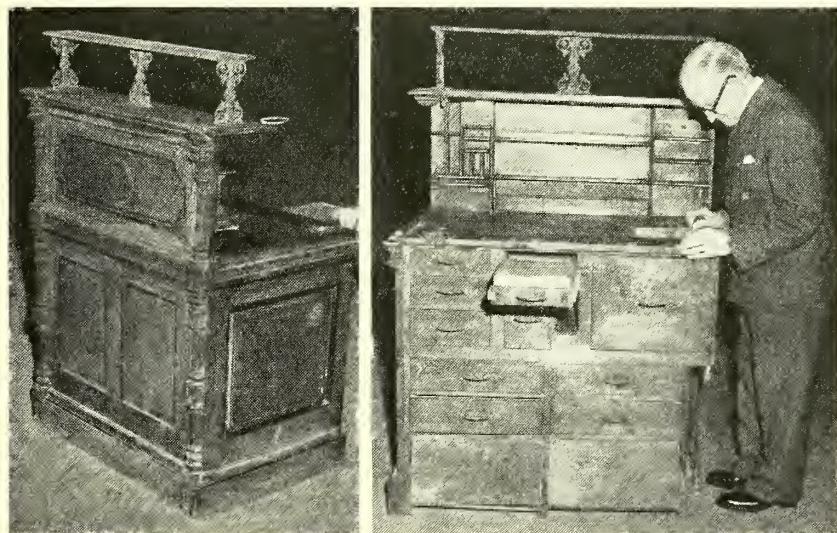
The Branch considers that the Society exists for the care and protection of its members; and that a Society attempting to legislate for two classes of individuals will be a Society divided against itself. Should the assistants decide to organise amongst themselves within the Society, the "Qualified" section might be outvoted on

legislation affecting their future in some vital way. The Branch does not feel that there is any real demand, outside the hospitals and institutions, for the recognition of assistants, and does not see why legislation affecting the whole of pharmacy should be introduced. It is hoped that support from other branches will lead the Council to a greater investigation of the views of retail pharmacists.

PRICE MAINTENANCE

P.A.T.A. secretary at Exeter

At a meeting of the Exeter Branch of the National Pharmaceutical Union held in Exeter recently, Mr. H. E. CHAPMAN (secretary, Proprietary Articles Trade Association) gave an address on "P.A.T.A. and Price Maintenance—the Present Position and Future Outlook." He recalled that one of the earliest supporters of the P.A.T.A. was the Exeter Association of Chemists and Druggists. At a meeting in March 1896, after listening to Mr. W. S. Glyn-Jones, its members adopted resolutions pledging support and authorising the Exeter Association to act as a local executive for the P.A.T.A. After reviewing the progress and development of the P.A.T.A., and the politically-inspired efforts made to



MUSEUM LINK WITH C. & D. The dispensing cabinet shown, which included everything necessary for pharmaceutical practice at the time it was made, was among properties which the Liverpool Chemists' Association presented in 1952 to the Liverpool Corporation. It will be used as a centrepiece in the pharmacy room in the City Museum when the building is restored after the bomb damage it sustained in the war. Mr. J. L. Hirst, one of the senior members of the Association, who is photographed alongside the cabinet, states that it was presented by Joseph Ince, who was for more than forty years prior to 1907 a regular contributor to THE CHEMIST AND DRUGGIST. The cabinet, which is in oak, was made by G. L. O. Treble & Son, London.

undermine it, Mr. Chapman said that although the position was now quiescent, constant vigilance would be required. It was significant that in a debate on the work of the Monopolies Commission the Parliamentary Secretary to the Board of Trade had quoted the views of the Trades Union Congress, and the Union of Shop, Distributive and Allied Workers, regarding the inadvisability of abolishing the price maintenance system and had suggested that if the Opposition were now on the Government benches they would not indulge in the legislation they had advocated. There was a possibility that, at any time, the general practice of collective action to enforce price maintenance might be referred to the Monopolies Commission for investigation. [That has in fact been done.—EDITOR.] Any such investigation on that or kindred "references" might re-open the whole question and call for the presentation of the most detailed information regarding the price and distribution structure of all sections of the drug trade. Mr. Chapman paid tribute to the part played by the 36,000 members of the [American] National Association of Retail Druggists in promoting the McGuire Act which, a few months ago, restored effective fair trade in America.

LONDON'S HEALTH 1951 statistics

THE effects of the 1951 influenza epidemic in London are summarised in the report for that year of the County of London Medical Officer of Health and School Medical Officer (published recently by H.M. Stationery Office, price 2s. 6d.). Out of a total of 42,338 deaths in the County of London in 1951, 809 were attributed to the epidemic. Deaths from influenza in 1949 and 1950 were 372 and 256 respectively. Of 25,666 samples examined by the London County Council's chemical branch during the year, thirty-nine were for chemicals, drugs and medical supplies; seven for disinfectants and insecticides; and ninety-six for fertilisers and feeding stuffs. The number of children in London vaccinated against smallpox during the year rose from 27,583 (in 1950) to 35,470. 40,656 children were given their first diphtheria immunisations.

MENTAL HOSPITALS Regrading discussed

AT a meeting of the staff side of the Pharmaceutical Whitley Council Committee held in London recently, the regrading of mental hospitals (for purposes of pharmacists' remuneration) was among matters discussed. The secretary (Mr. A. G. Shaw) reported that a subcommittee which had been set up to deal with the problem had recommended that: 1, A mental hospital should be graded as category III if the number of points (the average daily number of occupied beds multiplied by 0.0052) was at least 10.5; 2, the operative date for regrading should be October 1. The meeting expressed disappointment at the second recommendation as that would give only a small immediate salary increase. The

secretary was instructed to inform the management side that the proposals were accepted only with reluctance in order to avoid further delay in settling the claim. A subcommittee was appointed to consider an Industrial Court award relating to annual leave for staff covered by the Professional and Technical A Whitley Council. The subcommittee was also asked to consider annual leave and other conditions of service for pharmaceutical students with a view to their inclusion in an official agreement. Mr. Shaw pointed out that management committees and boards of governors will not be able to implement the agreement on regrading until the official circular has been distributed.

NEWS IN BRIEF

Advertising Association. — Messrs. E. J. Robertson and L. E. Room were recently appointed President and Director-general respectively of the Advertising Association.

Coronation Labels and Seals. — The Home Secretary has ruled that the Queen's profile or effigy is not permitted to be used on Coronation labels or seals.

Exempted from Import Duty. — An Order (S.I. 1952, No. 2206) continues the exemption from duty chargeable under the Import Duties Act, 1932, of certain iron or steel barrels and drums until March 31.

Longer Training for Doctors. — Under the provisions of the Medical Act, 1950, which came into force on January 1, it will be compulsory for all medical students to serve a post-graduate term of one year in a hospital.

Royal Society. — The following have been elected officers of the Royal Society for 1953:—President, Dr. E. D. Adrian; Treasurer and Vice-president, Sir Thomas Merton; Secretaries and Vice-presidents, Sir Edward Salisbury and Sir David Brunt; Foreign Secretary, Sir Cyril Hinshelwood; Vice-president, Sir Howard Florey.

Poisons Orders Circular. — The Home Office has sent a circular on December 29, 1952, to trade and other organisations concerned with the Pharmacy and Poisons Act, 1933, drawing attention to the commencement of operation on January 1 of the new Poisons List and Poisons Rules Orders (S.I. 1952, Nos. 2085 and 2086) (C. & D., 1952.11.837 and 841-42).

Weights and Measures. — The Board of Trade invites comment from interested parties on the recommendations of the committee on weights and measures legislation calling for replacement of the metric for the Imperial system (C. & D., 1952.11.660). Notice of intention to submit comments should be sent to the Controller, Standards Department, Board of Trade, 26 Chapter Street, London, S.W.1.

Christmas Party. — Bourjois, Ltd., held a Christmas party—the occasion also marked the silver jubilee of the soap department—at the company's Reading factory recently, at which the main feature was a cabaret-pantomime, produced by members of the staff. Some of the directors travelled from Croydon to be present.

LOCAL NEWS

Priority for Chemists in Birmingham

FOLLOWING recent consultations between Messrs. F. A. Gunn (chairman, Birmingham Pharmaceutical Committee), D. J. Rushton (a member of the Committee), A. G. Sheppard Fidler (Birmingham city architect) and R. W. S. Ross (city estates officer), priority is being given to pharmacies in the allocation of shops on Corporation housing estates. First of the new estates to be provided with chemists' shops are likely to be Shard End, Sheldon and Bartley Green. The benefits committee of the Birmingham Executive Council in a recent report had referred to "the urgent necessity" for chemists' shops on the new municipal estates.

Retirement Presentations

ON his retirement recently from the chairmanship of the Glamorgan Pharmaceutical Committee, an office he had held for about twenty-five years, Mr. W. Oswald Davies, Pontypridd, was presented with a cheque from local National Health Service chemist contractors and the Committee. Mr. Davies, in return, handed over to the new chairman (Mr. J. D. Morgan) an inscribed gavel as a gift to the Committee.

Prescriber Fined

ALLEGED to have issued 100 prescription forms in respect of patients on his own dispensing list, for whom he received a drug capitation fee, a doctor was ordered by the Lancashire Executive Council, at Preston, recently, to pay £50. The total value of the prescriptions (reported to be £16) was ordered to be withheld from his remuneration.

Housing Estate Needs Pharmacist

TENANCY applications for a new chemist's shop nearing completion on the Buckland Valley housing estate, Dover, are being invited by the Dover corporation.

SCOTTISH NEWS

Prescribing Ban

GLASGOW Medical Committee is printing a list of thirty-four substances which are not regarded as medicaments but as foods, toilet substances or disinfectants that ought not to be prescribed.

New Method of Recovering Advance Payments

THE Department of Health for Scotland has informed the Clerk of each Executive Council that, after consultation with chemists' representatives, it has decided to alter the arrangements for recovery of the special advance payment authorised in May 1952 (C. & D., 1952. I. 665). Instead of deducting the whole amount of the advance from the final payment in March, one-fifth, two-fifths, and two-fifths will be deducted from the final payments in January, February, and March respectively. If preferred, repayment of the total sum can be made by cheque not later than March 21.

Pharmacists Seek College Board Member

AT a public inquiry in Aberdeen recently into the educational endowments of the town and county of Aberdeen, Dr. D. McCall (resident secretary of the Pharmaceutical Society in Scotland) suggested that the profession of pharmacy locally should be allowed to nominate a representative for co-option to the board of governors of Robert Gordon's College. The Society annually set aside a sum of money for pharmaceutical research, and Gordon's Technical College would qualify for participation in the grant. Replying, Mr. R. B. Williamson (representing the governors of the College) said the Pharmaceutical Society did not have a governor but had members on the committees. He maintained that it would be wrong for the commission to nominate the professions or trades that should have the right to have a co-opted governor.

Health Service Economies

AT the annual meeting of the Glasgow Medical Committee on December 14, Dr. John Harley suggested that doctors were being made to "bear the brunt" of Health Service economies, and advocated that the Government should make it illegal for the public to ask for such things as dusting powders, malt and dressings. He urged that the medical profession should try to force the Government to make their Health Service economies public instead of deciding them behind the scenes.

IRISH NEWS

Limerick Association

A MEETING of the Limerick Chemists' Association was held in Limerick recently, Mr. H. W. Ferguson in the chair. Mr. Brendan R. Smith (secretary, Irish Drug Association), who had travelled from Dublin, was present and many matters affecting local pharmacists were discussed. When it was mentioned that a move was being made by employees of certain air lines operating to Shannon Airport to obtain discounts from traders it was unanimously agreed that members of the Association would not enter into any discount arrangements. The question of fixing local prices was reviewed, and it was decided that the list prices as determined by the I.D.A. would be adhered to in all circumstances. The Association held a Christmas dance in Limerick recently. It attracted a large and representative gathering of pharmacists. Mr. J. P. Kissane (president of the Pharmaceutical Society of Ireland) with Mrs. Kissane travelled from Tipperary to attend, while a party which travelled from Dublin included Mr. H. P. Corrigan (treasurer of the Society), Mrs. Corrigan, Mr. J. G. Coleman (registrar), Mrs. Coleman and Mr. and Mrs. B. R. Smith. The Limerick chemists who were present with their wives and friends included Messrs. H. W. Ferguson, M. Power, P. J. Hogan, W. Hanley, G. I. Riordan and T. C. Frawley. Chemists from the counties of Limerick, Clare and Tipperary also attended.

TOPICAL REFLECTIONS

By Xrayser

A Backward Glance

The pictures on pp. 870-71 of your issue of December 27, 1952, suggest a comment on a few of the events of the past year. For pharmacy and the associated industries the year has been, in the main, a period of hard work without much encouragement derivable from the national situation. The most satisfactory occurrence of the year was, I think, the report on insulin issued in October by the Monopolies and Restrictive Practices Commission. Its conclusion that the present arrangements for the supply of this product operate in the public interest should have suggested caution to any "snipers" who have read it. Another welcome feature of the past twelve months is, as your Trade Reports have shown, a fall in the prices of some raw materials, coupled with increasing supplies. Among the more intimate affairs of pharmacy the success of the British Pharmaceutical Conference meeting at Nottingham calls for mention. With the "goodwill and co-operation" referred to in a letter on p. 875, this result was assured. Pharmacy, like other vocations, takes over its share of problems from 1952: for problems do not conform to the calendar. A rise in "rates in general" is forecast in your first editorial article on p. 873; and, as already announced, another inquiry or series of inquiries by the Commission mentioned in a preceding sentence has been set on foot. Whatever path the Commission may follow, the consciences of those taking part in price arrangements in the drug and chemical industries are clear. It is a case for keeping a stiff upper lip.

Defining the Business

At a recent meeting of the North-east Lancashire Branch of the Pharmaceutical Society (p. 880 of your same issue), Mr. H. Steinman "regretted that the business of a pharmacy had never been clearly defined." In the course of the discussions that preceded the passing of the Pharmacy and Poisons Act of 1933, a similar remark was made. Is any such definition desirable? My answer is in the negative. A legal definition can, of course, be evolved about almost anything—even about a zip fastener. But past experience of one episode may serve as a warning. Readers who are familiar with it will perhaps forgive me for referring to it. As is noted in Bell and Redwood's Historical Sketch, the chemists and druggists of London were for a considerable time in negotiation with the Society of Apothecaries of London over the Bill that, as modified, became the Apothecaries Act of 1815. At one stage the Society consented to safeguard the rights of chemists and druggists by inserting a clause stating that nothing in the Act should "extend, or be construed to extend, to prejudice, or in any way affect the trade and business of a Chemist and Druggist." Unfortunately, the chemists added, and the Society accepted, the words "in the buying, preparing, compounding, dispensing, and vending drugs and medicinal compounds, wholesale and retail," thereby imposing a limitation on trading and opening a way to litigation.

Problematical Economy

A reading of the news paragraph headed "Hospital Man-power Economies" (p. 858 of your issue mentioned) raises questions the answers to which are difficult to guess. If there is any good reason for putting pharmacists among the "also rans" in class D of the official memorandum, one would like to know what it is. While there is not to be any "arbitrary" cut in the personnel of class D, hospital boards and committees "are asked to try to achieve a reduction of 5 per cent. in the coming twelve months." The wording of the paragraph indicates that a decision not to reduce these staffs will involve a lengthy process of reference to a higher authority, with the possibility of being overruled. Recognition of the importance of a competent pharmaceutical service in British hospitals does not seem to have become general. A week ago I was remarking on a record of ten years' pharmaceutical work in American hospitals. One feature that I had not space to mention then is the all-round advantage that has accrued from the growing recognition of the value of qualified management in hospital laboratories and dispensaries.

LEGAL REPORTS

Pharmacy Act Fines. — At Alford, Lincs, magistrates' court on December 16, 1952, Mr. Benjamin N. D. Knowles, M.P.S., 29 and 38 High Street, was fined a total of £3, and ordered to pay £5 5s. costs for selling poison by retail in a container not labelled in the prescribed manner, and otherwise than under the supervision of a registered pharmacist. Mr. A. C. Castle, prosecuting on behalf of the Pharmaceutical Society, told the court: "I would not like what I have to say to reflect on Mr. Knowles's ability as a chemist." It was distasteful for the Society to prosecute one of its own members, but it was for the protection of the public that proceedings had been taken. Mr. Knowles said in evidence that he had had difficulty in securing the services of a qualified manager, but a manager had been engaged three weeks after the offence had been committed. The offence had occurred at No. 38 High Street, and most of the poisons were sold at his other shop, under his own supervision.

Drugs on Stolen Forms. — A drug addict, Mrs. Lilian Kercher, Walsall, who admitted stealing a block of prescription forms from a doctor's surgery and using some of them to obtain drugs from a chemist's shop, was put on probation for two years by the Walsall magistrates on December 22, 1952, and ordered to pay £5 costs. Besides the charge of stealing the prescription forms, Kercher pleaded guilty to two charges of obtaining a total of twenty-eight capsules of sodium Seconal with prescription forms on which she had forged a doctor's name. She asked for six other offences to be taken into account. It was stated that, after telling a Walsall doctor her history, she received from him a prescription for some of the tablets. Later she went to see her doctor for tonsillitis and during the interview saw a pad of prescription forms lying on the desk and put them in her pocket. "I could not do without the drugs," said her statement, "and had the idea of making out prescriptions. I knew what to put on it." She said she had been trying hard to stop taking the drugs, but could not.

BUSINESS CHANGES

JOHN THOMPSON (WHOLESALE DRUGGISTS 1921), LTD., 27 Duke Street, Liverpool, 1, have appointed Messrs. W. Bouch and R. G. Pritchard joint managers of the company.

THE address of the Standardisation of Tar Products Tests Committee is now Oxford Road, Gomersal, nr. Leeds. The secretary is Mr. P. V. Watkins.

MR. HENRY BROOKS, London representative of Sutley & Silverlock, Ltd., chemists' printers, has removed to 5 Derwent Road, Palmers Green, N.13 (telephone: Palmers Green 1379).

THE PROGRESS SHAVING BRUSH CO., LTD., have removed their London office and showroom to 92 Regent Street, London, W.1 (telephone: Regent 4441).

MR. REES T. COGHLAN, M.P.S., has acquired the pharmacy of Mr. F. R. A. Larder, M.P.S., High Street, Loddon, Norwich, Norfolk.

BELFAST CO-OPERATIVE SOCIETY, LTD., have opened a new branch pharmacy at Abbots Cross, Doagh Road, Whiteabbey, co. Antrim, Northern Ireland.

Appointments

MR. T. H. SOUTER has been appointed clerk and finance officer, City of Glasgow Executive Council. He was formerly clerk to the Dunbartonshire Executive Council.

NEW COMPANIES

P.C.—Private Company; R.O.—Registered Office

BRIDGEWATER CHEMICALS, LTD. (P.C.).—Capital £1,000. To carry on the business of wholesale and retail dealers in dyes, chemicals, drugs, etc. Jack Seal and Wallace W. Sword, subscribers. Solicitors: Skelton & Co., 90 Deansgate, Manchester, 3.

DREW & CHURCH, LTD. (P.C.).—Capital £500. To carry on the business of manufacturers of and dealers in surgical and medical appliances, etc. John Drew, 10 Andrews Avenue, Sudbury, Wembley, Joshua W. Church and Cyril J. Church, directors.

RICHARDSON CHEMISTS (MORECAMBE), LTD. (P.C.).—Capital £4,000. To carry on the business of wholesale or retail chemists, etc. Clarence A. Richardson, M.P.S., and Elsie E. Richardson, directors. R.O.: 31 Yorkshire Street, Morecambe.

ENU-CALL, LTD. (P.C.).—Capital £500. To carry on the business of manufacturers of and dealers in medical, surgical, scientific instruments, etc. J. Kenneth Janes and Peter G. Morrison, subscribers. Secretaries: Friars Secretariat, Ltd., 63 Coleman Street, London, E.C.2.

WELWYN DEPARTMENT STORE, LTD. (P.C.).—Capital £100. To carry on the business of general warehousemen, chemists, photographers, opticians, etc. John F. Eccles, O.B.E., A.C.A., and George A. Floyd, directors. R.O.: Wigmoor North, Welwyn Garden City, Herts.

W. H. TAYLOR (WORCESTER), LTD. (P.C.).—Capital £2,000. To acquire the business of dispensing chemist, druggist and stores carried on by William H. Taylor, M.P.S., at 41 The Tything, Worcester. William H. Taylor is the first director.

E. PORTER (HURST HILL) PHARMACY, LTD. (P.C.).—Capital £2,000. To carry on the business of wholesale, retail and manufacturing chemists, druggists, etc. Eliza M. Porter, Mary H. C. Elwell and John Holt, M.P.S., directors. R.O.: 1 Hall Lane, Hurst Hill, Coseley, Staffs.

E. W. WRIGHT & SON, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing, pharmaceutical, analytical and general chemists, etc. Ernest W. Wright, Michael E. M. Wright and Lucy Wright, directors. R.O.: 239 Hull Road, Anlaby Common, Hull.

T. P. WHELEHAN, SON & CO. (Private unlimited company). Registered in Dublin. Capital £20,000. To acquire the business of wholesale and retail chemists and druggists now carried on in Mullingar and Dublin, by J. K. Whelehan and Maurice Collins. John K. Whelehan, M.P.S.I., 16 Earl Street, Mullingar, and Maurice O. P. Collins, L.P.S.I., directors.

Voluntary Liquidations

WANDS, LTD., manufacturing chemists (R.O.), Wandal House, Wellington Street, Leicester. Liquidator: Mr. A. E. Wand, Sandycove, Desford, Leics.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, January 5

ISLE OF THANET BRANCH PHARMACEUTICAL SOCIETY, Belle Vue Hotel, Northdown Road, Cliftonville, at 8 p.m. Film show.

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY and SOUTH-EAST LONDON CHEMISTS' ASSOCIATION, Green Man, Catford, at 8 p.m. Debate.

Tuesday, January 6

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Fuller's café, Parliament Street, Harrogate, at 7.30 p.m. Dr. W. F. Roper (an officer of H.M. Prison, Wakefield) on "Suicide and Suicidal Compromises." Election of officers for local committee of 1953 Franco-British Pharmaceutical Congress.

NORTH LONDON PHARMACEUTICAL ASSOCIATION and NORTH METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Beale's restaurant, Holloway Road, London, N.7, at 7.45 p.m. Mr. H. G. Moss on "My Recent Visit to the U.S.A."

NORTH NOTTINGHAMSHIRE BRANCH, NATIONAL PHARMACEUTICAL UNION, Victoria Hotel, Albert Street, Mansfield, at 7.30 p.m. Meeting.

READING BRANCH, PHARMACEUTICAL SOCIETY, biological laboratories, Reading School, at 7.45 p.m. Dr. L. G. Goodwin on "Pharmacology-Chemotherapy."

Wednesday, January 7

NORWICH BRANCH, PHARMACEUTICAL SOCIETY, Assembly house, Theatre Street, Norwich, at 7.15 for 7.45 p.m. Ladies' night: lecture and demonstration on "Cosmetics" by a representative of J. & E. Atkinson, Ltd.

READING BRANCH, PHARMACEUTICAL SOCIETY, Folk House, Church Street, Reading, at 3.30 p.m. Children's party.

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Ardington Rooms, Clapham Junction, London, S.W.11, at 6 for 6.30 p.m. Dinner and New Year party.

SWANSEA AND WEST GLAMORGAN BRANCH, PHARMACEUTICAL SOCIETY, Mackworth Hotel, Swansea, at 8 p.m. Discussions on "Code of Ethics" and "Assistants in Pharmacy."

Thursday, January 8

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, Beaumont Room, Grand Hotel, Broad Street, Bristol, at 7.15 p.m. Debate with students from the Bristol School of Technology.

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Adelphi Hotel, Liverpool, at 7.30 p.m. Mr. H. N. Linstead (a secretary of the Pharmaceutical Society) on "Pharmacy in the Public Services—H.M. Forces, Hospitals and N.H.S."

SOUTHEND-ON-SEA BRANCH, PHARMACEUTICAL SOCIETY, Queen's Hotel, Westcliff-on-Sea, at 7.30 p.m. Mr. G. W. Stephenson on "Beehive Behaviour."

Friday, January 9

HULL CHEMISTS' ASSOCIATION and BRANCH, Imperial Hotel, Hull, at 8 p.m. Discussion on statements on ethics and assistants.

DEATHS

BEALE. — At a Croydon nursing home, on December 21, 1952, Mr. Harry W. Beale, M.P.S., aged eighty-five. Before he retired five years ago he was in business in South Norwood, London, S.E.25, where he had shops at 3 High Street and 12 Portland Road.

BROWN. — In London, recently, Mr. George William Brown, aged eighty-three. Mr. Brown qualified as a chemist and druggist in 1893 and for a number of years until his retirement he was in business in Hope Street, Hanley, Staffs, at a pharmacy (now trading under the name Browns Chemists (Stoke-on-Trent), Ltd.) established by his father. Mr. Brown served his apprenticeship at the North Stafford Royal Infirmary, and later continued his pharmacy studies at Manchester. Subsequently he served as pharmacist at the Worthing General Infirmary.

DAVIES. — Recently, Mr. Eleazer Edward Stanley Davies, M.P.S., 79 St. Chads Road, Tilbury, Essex. Mr. Davies qualified in 1920 and started in business in Tilbury twenty-six years ago, later opening another shop at Chadwell-St.-Mary, Grays, Essex. Mr. Davies served with the Artillery during the 1914-18 war and was a major in the Home Guard in the 1939-45 war. He leaves his widow and two daughters.

DEAKIN. — At his residence, The Square, Drumcollogher, co. Limerick, recently, Mr. James Aubrey Deakin, M.P.S.I., aged seventy-six. Mr. Deakin, who qualified in 1896, was one of the oldest Licentiates on the Register of the Pharmaceutical Society of Ireland. For many years he was in business in Capel Street, Dublin, under the name Hanson, Deakin & Co., and later returned to Limerick, where one of his daughters, a pharmacist, had a business.

GRAHAM. — In hospital, on December 21, 1952, Mr. William L. Graham. Mr. Graham qualified as a chemist and druggist in 1897. As a young man he joined J. C. Pottage & Co., Princes Street, Edinburgh, later becoming sole proprietor of the business, which was afterwards transferred to premises at the Mound. Later, when that property was pulled down, Mr. Graham transferred to new premises in Dundas Street. He specialised in homeopathic pharmacy. Mr. Graham was a native of Yorkshire, and is survived by two sons and a daughter.

GRIFFITHS. — At 20 St. Mary Street, Cardigan, on December 20, 1952, Mr. Hywel Griffiths, M.P.S., whose address in the register of chemists and druggists is 51 Thompson Street, Barry Dock, Glam. Mr. Griffiths qualified in 1914.

PETRIE. — In Brechin Infirmary, Angus, on December 22, 1952, Mr. S. Petrie, Mermaid Cottage, Edzell, Forfar. A native of Forfar district, he qualified as a chemist and druggist in 1892 and set up in business in High Street, Edzell, in 1908. He retired at the beginning of 1943.

PERKINS. — At his home 31 Alexandra Road, Penn, Wolverhampton, on December 1, 1952, Mr. Thomas Richard Perkins, M.P.S., aged eighty. For forty-nine years Mr. Perkins was the proprietor of the sole pharmacy in Henley-in-Arden, Warwicks, and the pharmacy, of distinguished history (the premises date to the mid-seventeenth century) was the subject of an illustrated article published in the *C. & D.*, June 30, 1945, about one month before he retired for health reasons. In that year he claimed to be the only person who had travelled over every inch of railway line in the British Isles used for passenger traffic.



RICHARDSON. — On December 28, 1952, Mr. John W. Richardson (chairman and managing director of C. W. Field, Ltd., Edwards Lane, Speke, Liverpool, 19), aged seventy-two. In fifty-seven years' service with the company Mr. Richardson rose from the position of a junior clerk to that of chairman and managing director, which he had held since 1938. For twenty years he was "on the road." Mr. Richardson was Past Master of the Commercial Travellers' Lodge of Freemasons and held Provincial Honours. He was a past treasurer of the Commercial Travellers' Association (Liverpool Branch) and a governor of the Commercial Travellers' School, and he maintained a continuous interest in the benevolent side of the Association and Masonry. He was also on the executive committee of the British Essence Manufacturers' Association, Ltd., and a member of Garston Rotary Club. He was a widower and leaves a married daughter and a son, a member of the staff. Mr. Richardson was the victim of a stroke on December 23 and never afterwards recovered complete consciousness.

PERSONALITIES

AFTER seventy-five years' association with Mincing Lane, of which twenty-three were spent as senior partner in Paines & Reid, 41 Eastcheap, Mr. W. C. Radermacher retired from active business on December 31, 1952.

MR. T. D. MACKINNON, M.P.S., Govan, Glasgow, is returning home shortly from a climbing expedition in the Nepal Himalaya mountains, where he was one of a party of four members of the Scottish Mountaineering Club. On one occasion Mr. MacKinnon climbed, with two porters, a hitherto unscaled peak of 22,000 ft. The next day, while his porters were resting, he climbed a 19,000 ft. peak with other members of the party.

MR. F. R. A. LARDER, M.P.S., a past-chairman of the Norwich Chemists' Association, has left Loddon, Norfolk, where he had been in business since 1937 (see p. 4) to take over a guest-house at Loch Awe, Argylls. Mr. Larder received the thanks and good wishes of the Loddon Bench of magistrates on which he had sat for some years. He was also a member of the Parish Council and chairman of the local Toc H branch.

MR. CLIFFORD ORRELL, M.P.S., Preston, who was recently elected

chairman of the Preston Branch of the Pharmaceutical Society, qualified in 1936 and then set up in business on his own account. He served in the Royal Air Force as a navigator, 1942-45. He is chairman of the Preston Pharmaceutical Committee (which he represents on the local Executive Council) and a member

of the local Finance, Pharmaceutical Services and Ophthalmic Services Committees of the local Executive Council.

MR. HENRY CLAY (manager of the vulcanite division of the North British Rubber



Co., Ltd., Edinburgh) is retiring after a career of fifty-two years, fifty of them in the manufacture of vulcanite. He joined the Scottish Vulcanite Co., Edinburgh, after leaving school in 1901, and when that firm closed down in 1908, he joined the foreign department of the North British Rubber Co. Two years later when that firm bought the assets of the Scottish Vulcanite Co. and resumed in the same factory, adjacent to their own works, the manufacture of vulcanite, he transferred to the new venture. A year later, in 1910, Mr. Clay was appointed assistant superintendent, and in 1919, superintendent of the vulcanite division of the company.

DR. BROCK CHISHOLM (director-general, World Health Organisation) recently announced that he would not accept a renewal of his contract as director-general, due to expire on July 21. Renewal was offered at the May 1952 World Health Assembly. Dr. Chisholm obtained his medical degree from the University of Toronto, U.S.A., in 1924. In 1944 he was appointed deputy Minister of Health in the [American] Department of National Health and Welfare, and in 1946, executive secretary of the WHO Interim Commission. He became the first director-general of WHO on July 21, 1948.



NORTH LONDON BRAINS TRUST

At a recent joint meeting of the North Metropolitan Branches of the Pharmaceutical Society and National Pharmaceutical Union a "Brains Trust" consisting of Messrs. A. Aldington (a member of the N.P.U. Executive and of the London Executive Council), W. F. Wilkinson (secretary, London Pharmaceutical Committee), J. Anderson Stewart (secretary, Middlesex Pharmaceutical Committee), and H. S. Stubbings (superintendent, London Pricing Bureau) were asked the following questions:

What should be done when the wrong type of an appliance (e.g., elastic hosiery) has been supplied and the script returned marked "disallowed" but the doctor then initials the order? STUBBING: A script returned to the pharmacist as being "not in accordance with the Drug Tariff" would, after subsequent endorsement, be allowed.

Limitation of Contractors?

Do the team consider that there should be limitation of chemist contractors on the Executive Council list, similar to the limitation of medical practices? STEWART: That would require an Act of Parliament which would inevitably impose more controls upon pharmacists. Until the chemist's dispensing and general trading were distinct pharmaceutical practices committee would not be possible.

In view of a recent prosecution, does the writing by a doctor of prescriptions in the pharmacy constitute a breach of the terms of service? WILKINSON: Normally, no. Breach of service could only arise if there were collusion between the doctor and pharmacist. STUBBING: It should be borne in mind that the patient should not be deprived of his right of free choice of chemist.

Should under 5s. prescriptions on which expenses have been incurred be placed in the S bundle? STUBBING: No. In the A bundle. If put in the S bundle they would be priced as they stood. STEWART: The oncst allowance of 25 per cent. is intended to cover such items.

Arrangement of Bundles

Would the pricing bureaux prefer prescriptions between 2s. 6d. and 5s. to be evenly distributed throughout the bundles rather than placed at the top of them? STUBBING: Though the under-5s. scripts should be distributed between the separate A bundles their position in any one bundle does not matter. The extraction of 20 per cent. of forms by the pricer is quite unselected. (He emphasised that the 5s. value applies to an individual item and not to the whole script.) Far too many under-5s. scripts were placed in the S bundle. Distributed in the A bundle they would probably have given a better average.

Does the endorsement on a script of the number of doses assist the pricers? STUBBING: Generally no.

Are rotas working satisfactorily? Why are rotas on early closing days in operation in some districts and not in others? Will the new later opening hours of shops have any effect on the

working of rotas? STEWART: Rota arrangements work better in some areas than in others. Those who, by staying open later, fail to co-operate, cannot be prevented from late opening without amendment of the Shop Acts. WILKINSON: A closing-day rota is not always necessary if shops are open in an adjoining district. The continuance of rota payment will depend upon the usual hour of closing of chemists in the district.

Would the team agree that prescription for the whole family should not be included on one form? ALDINGTON: That is wrong from every point of view and highly dangerous. Copies of such prescriptions should always be sent in to the Pharmaceutical Committee.

Does the team consider the change in layout of the National Formulary to have been justified? WILKINSON: It can be justified on the ground of uniformity with the next B.P. and B.P.C. STEWART: The use of English titles is not a retrograde step, for doctors are now taught English titles. Latin is also less required to disguise drugs from the public. ALDINGTON: The whole difficulty with the N.F. was that there were no practical pharmacists.

cists or practical doctors on the revision committee.

Would the team say there has been a greater use of "approved names" since the publication of a list in the N.F., 1952? STUBBING: The bureau has not yet looked at scripts written since the list was issued.

When a pharmacist has had a test prescription and the analysis discloses an error, what are the first steps he should take? WILKINSON: Inform the Pharmaceutical Committee.

On what sizes of packs are proprietaries priced? STUBBING: As the demand for a particular proprietary varies from area to area and from time to time, they are, in the absence of an endorsement, priced from the nearest dispensing pack. The London bureau often telephones the chemist for further information, and, for many contractors, keeps a card note recording the frequency of speciality and the presence of surpluses.

Would it be possible to give contractors their under-5s. average? STUBBING: Yes, but it would further delay pricing.

What happens when a parcel of scripts is lost in the post or by damage? STUBBING: If dispatch can be proved then payment is made on an average of preceding months.

LONDON CONFERENCE PREPARATIONS

The framework upon which the local organisation of the British Pharmaceutical Conference, London, August 31 to September 4, is being elaborated has as its basis the Local Committee, which includes representatives of the sixteen branches of the Pharmaceutical Society within the Metropolitan Police area: Croydon; East, North, South-east, South-west and West Metropolitan; Enfield; Epsom; Harrow; Hendon; Hounslow; Thames Valley; West Kent; West Middlesex; Wimbledon; and Wembley, with Conference officers and representatives of the Pharmaceutical Society; National Pharmaceutical Union; Association of British Pharmaceutical Industry; National Association of Women Pharmacists; Guild of Public Pharmacists, and London County Pharmaceutical Association, under the chairmanship of Mr. F. G. Wells. That Committee, which met twice, set up a Local Executive Committee and seven subcommittees (reception and housing; entertainments and excursions; ladies; sports; finance; publicity; and foreign visitors). The chairmen and secretaries of subcommittees serve on the Local Executive Committee, which also includes the chairman, vice-chairman, treasurer, and secretary of the Local Committee, the Conference secretaries (Messrs. H. Treves Brown and H. G. Rolfe); Professor H. Berry; Mr. J. Stuart Hills and chairman, 1953 (Dr. G. R. Boyes).

Accommodation

The reception and housing subcommittee has made block bookings of accommodation for 465 persons at the rates shown in the next column.

Intending visitors are asked to write to the secretary of the subcommittee (Mr. R. L. Hanbury), 17 Bloomsbury Square, London, W.C.1, indicating for

HOTEL	SINGLE ROOM PER DAY	DOUBLE ROOM PER DAY
Grosvenor House...	—	70s.-84s. (Plus 15 per cent.)
Mount Royal ...	—	58s. 6d.
Russell ...	25s.-32s.	49s.-55s.
Shaftesbury ...	22s. 6d.	45s.
Bonnington ...	22s. 6d. to 31s.	45s.-58s.

how long they require accommodation, whether single or double room, and the hotel of their choice. Early booking through the Committee is essential. Transport will be provided from these hotels to all Conference functions. Visitors who make their own bookings are also asked to let Mr. Hanbury know their Conference-week addresses.

Pharmacists in the London area, and wholesalers and manufacturers, have been asked, as hosts of the Conference, to contribute to the cost (£10,000), and the sixteen branches will vie with each other in collecting the largest sum.

APPRENTICES' INSURANCE

UNDER an Order (S.I., 1952, No. 2185) made by the Minister of National Insurance on December 16, 1952, persons who have completed a period of full-time unpaid apprenticeship or full-time education and have subsequently paid twenty-six contributions as employed or self-employed persons are to be credited with the period of their apprenticeship or study for the purposes of unemployment and sickness benefit. The Order comes into operation on January 19.

TRADE NOTES

Available Again.—F.A.I.R. Laboratories, Ltd., 179 Heath Road, Twickenham, Middlesex, announce that supplies of Roter tablets will again be generally available shortly.

Introductory Display Box.—Energen Foods Co., Ltd., Bridge Road, London,



N.W.10, have adopted a new pack for Energen rolls: a display box whose lid folds back to form a display for counter or window use, the rolls being protected by transparent tissue.

Optical Studies.—C. A. Scurr, B.Sc., D.Opt., F.S.M.C., F.B.O.A., M.P.S., 50 High Street, Barnet, invites inquiries for details of a course of study leading to the certificate in optical dispensing.

Own-label Cotton Wools.—E. Illingworth & Co. (Bradford), Ltd., Shelf Mills, Shelf, nr. Halifax, Yorks, supply B.P.C. quality cotton wools sterilised and unsterilised, in all weights, for home and export. Quantities may be ordered labelled with own label.

Frangula Compound Tablets.—Details of formula and packs of frangula compound tablets, which have proved popular for the relief of pain and nausea in gastric and duodenal ulcer patients, are given on another page by James Woolley, Sons & Co., Ltd., Victoria Bridge, Manchester, 3.

Sun Glasses for Coronation Year.—“Keener value and a wider choice than ever before” in sunglasses are offered by Alfred Franks & Bartlett Co., Ltd., 226 Grays Inn Road, London, W.C.1, who illustrate on another page examples from their Protector range.

Sulphonamide Syrup.—The name of the Ciba preparation mentioned under “New German Proprietaries” in the *C. & D.*, December 20, 1952, p. 856, should read “Elkosin syrup.” The product was developed in the research laboratories of the parent company in Basle, Switzerland, where it has been available for some years.

An Additional Strength.—Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, introduced recently a strength of 30,000 international units per product of Tabloid brand hypodermic benzylpenicillin

(potassium salt) for extemporaneous preparation of penicillin creams, B.P. It is available in tube of ten.

1953 Bonus Scheme.—Details are given on another page of special bonus terms on orders for parcels of Flit insecticidal products placed either direct or through wholesalers so as to reach Stemco, Ltd., 128 Albert Street, London, N.W.1, in time for final delivery by April 30. Separate bonus terms are offered on Flit aerosols.

Sole Distributors in Eire.—Boileau & Boyd, Ltd., wholesale and manufacturing chemists, Dublin, have been appointed sole distributors in Eire of the Roadmaster night-driving glasses manufactured by Fish Optical Co., London. The Roadmaster glasses have deep-curve, optical-quality lenses of sodium-vapour luminal glass. Messrs. Boileau & Boyd will carry a full range in gold-plated fittings, including clip-over frames.

Limited-period Bonus.—Kenwood Laboratories, Ltd., 159 Finchley Road, London, N.W.3, who have taken over



the manufacture and distribution of Serocalcin tablets (see *C. & D.*, December 13, 1952, p. 803), are supplying thirteen to the dozen on orders placed with wholesalers before February 15. Counter display cards and a display outer, as illustrated, are available.

Aspirin Tablets.—Inquiries for aspirin tablets, etc., in bulk are invited by PIERSON, MORRELL & CO., LTD., Barnet, Herts, whose announcement appears on another page.—An offer to quote for and send samples of 5-gr. aspirin tablets for purchase in bulk or in bottles or cartons overprinted

with own name and address is made by TELL PRODUCTS, LTD., Welbeck Works, 93 Cobbold Road, London, N.W.10.—Prompt delivery of aspirin tablets, of which they are actual makers, is promised by the WALLIS LABORATORY, LTD., 58 King George's Avenue, Watford, Herts.

Distribution Policy Change.—Clinical Products, Ltd., 2 The Green, Richmond, Surrey, announce that all communications and inquiries for CPL pharmaceutical preparations should be sent to the company at that address. Chemists are requested to draw supplies from their usual wholesalers but may, in the event of difficulties, send orders direct indicating the wholesale house through which they may be invoiced. Orders to a net value of £5 qualify for 10 per cent. discount; they should be sent to Richmond with an indication of the wholesaler.

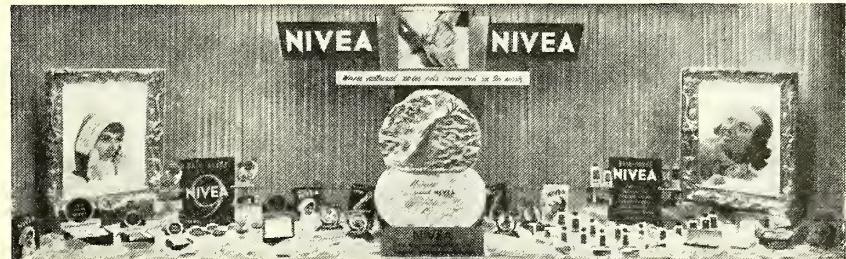
New Products and Packs

Transfusion Solution.—The Crookes Laboratories, Ltd., Park Royal, London, N.W.10, have introduced Crookes complete-unit transfusion bottle of 560 mils (20 oz.) of invert sugar 10 per cent.

Massage Cream.—Cortiforte Laboratories, Ltd., 108 Horseferry Road, London, S.W.1, have introduced Cortiforte D.P. deep-penetration massage cream (containing methyl nicotinate, capsicin and adrenaline) in 2-oz. and 16-oz. containers.

Rose-hip With Orange.—H. W. Carter & Co., Ltd., Coleford, Glos, have introduced a new speciality Rosena, a compound of rose-hip syrup and orange juice with extra glucose. It contains not less than 56 mgm. vitamin C per fl. oz. Rosena is claimed to be specially suited to children from two weeks after birth to ten years of age. Its sweet flavour pleases them while its blandness does not upset even a baby's stomach.

Gastric Antispasmodic.—The Crookes Laboratories, Ltd., Park Royal, London, N.W.10, have introduced Lactalumina - antispasmodic: the company's 6 per cent. colloidal aluminium hydroxide speciality Lactalumina to which has been added homatropine methyl bromide 0.056 per cent., so as to control the spastic pain which is so often a feature of gastric ulceration. Lactalumina (antispasmodic) is a P1 poison.



TRANSPORT ADVERTISER'S DISPLAY: Window display of Nivea products put in by Herts Pharmaceutical's, Ltd., Welwyn Garden City, at the head offices of the British Transport Commission, Leicester Square underground station, London. The window is made available to selected firms advertising through the London Passenger Transport services. The Nivea display is the second to be installed there.

THE CHANGING FACE OF THE C. & D.

"Ups and downs" of page size in a period of more than ninety-three years, and a word about the future

THE CHEMIST AND DRUGGIST began its career on September 15, 1859, as an octavo-size monthly journal, its first editorial page as illustrated opposite. In January 1864 the page size was doubled and at those dimensions it remained, though with changes in its appearance from time to time in other ways, until 1941, when the exigencies of war forced a return to the half-size page that remained until last week.

The other illustrations on the opposite page show typographical changes made to keep the paper in step with changes in public taste and journalistic practice.

Early Changes of Style

The first changes from the original were effected in the issue of January 1861, only two years after the paper was established. The first page of literary matter was then given a title-piece that continued in use, with only slight alterations in design, until the issue of May 10, 1930 (the first to be published after the removal from 42 Cannon Street to 28 Essex Street). The title block then adopted lasted only a little over a year. In June 1931 it was replaced with the hand-lettered title in classical Roman style that has remained in use until the present day and may be thought to have that timeless quality that should ensure for it many more years of service.

An innovation early in the paper's life was the introduction in January 1861 of engraved headings to various

sections of the paper. A note in the issue of that date referred to them as "tasteful emblematic illustrations which figure as headings to the several departments of the Journal." One of the headings survived virtually unaltered until May 16, 1931, when it was replaced by typefounders' type. That was a heading which consisted of the word "Correspondence" in a form of so-called old English (Gothic) lettering pierced by a quill pen.



In the Editor's room at 28 Essex Street is mounted this link with the past. Engraved "Morgan Brothers, Druggists' Sundrymen, Bow Lane," the spatula was presented to the Editor in 1928 by Proctor's Pinelyptus Co., Newcastle-on-Tyne, at whose premises it had previously been in continuous use for sixty years.

An important milestone was the adoption of two-column setting with the quarto page in January 1864. In the first four (octavo) volumes the letterpress had been set to the width of the $7\frac{1}{4}$ by $4\frac{1}{2}$ in. type area, except in the Correspondence, Trade Report and Patents sections. With the new size, the whole of the letterpress was put into two 9 by 3 in. columns. The first issue of the new series comprised sixteen quarto pages of literary matter and thirty-two of advertisements.

A tinted cover (in what, within the office, is always referred to as "C. & D. pink") was adopted in 1873, seven years after the changeover to weekly publication. The shade of pink has, it is true, undergone occasional variations. A lighter shade, overprinted in blue, had a run of many years. A second printing colour was introduced on the cover as a regular feature for the first time on October 3, 1931; but the first essay at multi-colour was made on the cover of the Summer issue of 1897.

Many a time the question has been asked: "Why the phoenix? What does it stand for?" The bird has no special significance in pharmacy or the drug trade, and it has to be admitted that neither the artist who designed the first C. & D. phoenix, nor the proprietors who adopted it, put on record their reasons for doing so. It has to be remembered, however, that the firm of Morgan Bros. was already nearly a century old when it first engaged in periodical publishing, and the phoenix may have symbolised the intention to establish a new publishing business on the foundations of the eventually-to-be-discontinued business of wholesale drysalters.

A Westward Move

In the life of the company there have been, as with most companies of similar age, changes of address, and it is not too fanciful to relate the westward movement from 42 Cannon Street to 28 Essex Street, Strand, just beyond the western end of Fleet Street, as symbolic of the evolution of the paper from a drysalter's catalogue to a journalistic enterprise justifying a rising reputation in the world of the Press, with book-publishing as a successful side-shoot and one robust "daughter" periodical [the "Export Review of the British Drug and Chemical Industries"] that has long since tossed away its leading-strings.

The return to quarto size has not been a mere reversion to former column and type sizes and styles. Very careful consideration has been given to the present-day de-



28 Essex Street, Strand, London, W.C.2, the home of THE CHEMIST AND DRUGGIST since 1930.

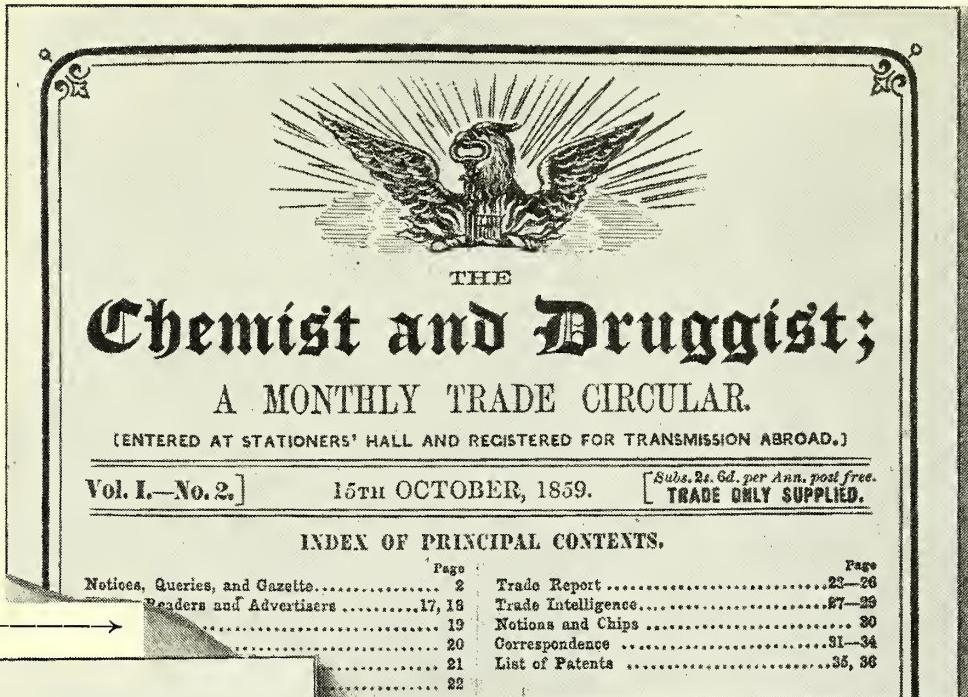
What the C. & D.

First Literary Page

looked like

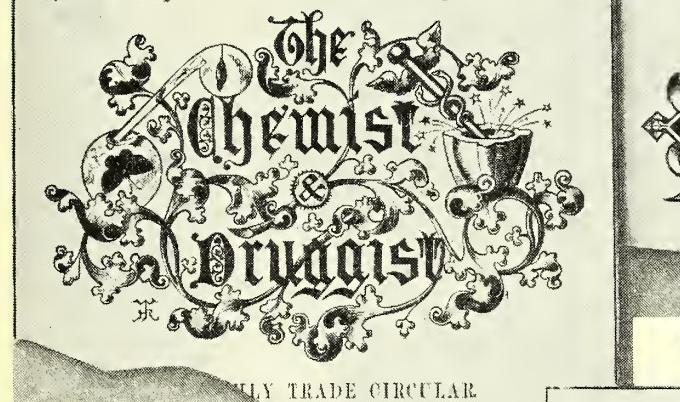
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Vol. II.—No. 17.1

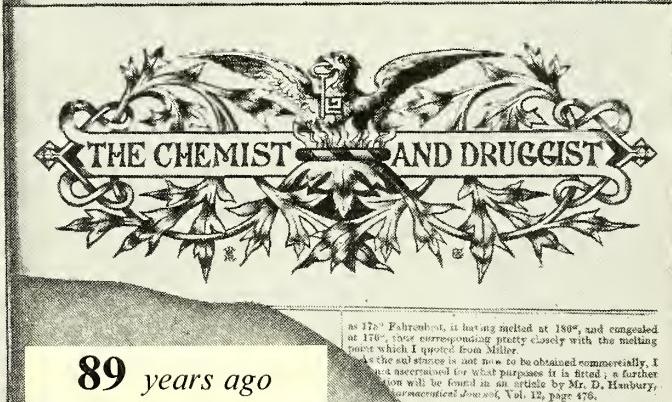
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~~ONLY TRADE CIRCULAR~~

92 years ago

PERIOD FOR TRANSMISSION ABRO

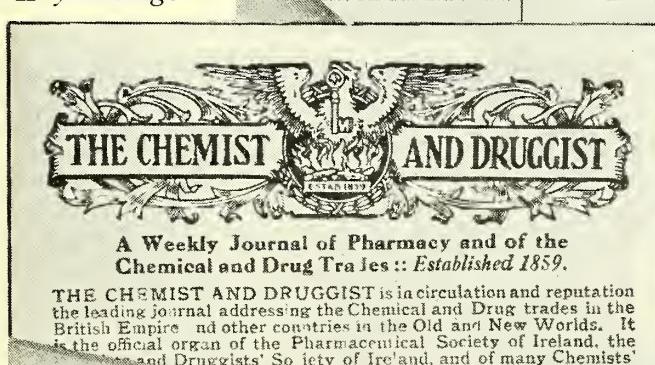


89 years ago

at 17° Fahr., it having melted at 180°, and congealed at 17°; this corresponding pretty closely with the melting point which I quote from Miller.

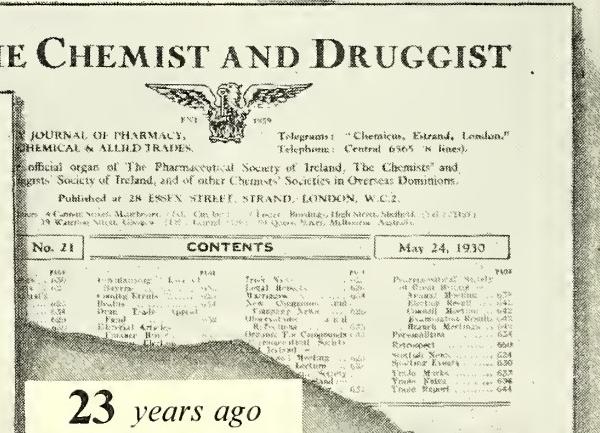
As the salt substance is not now to be obtained commercially, I have ascertained for what purposes it is fitted, a further notice will be found in an article by Mr. D. Hanbury, in the *Naturalist's Journal*, Vol. 12, page 476.

—
Blackwood on Tyre.



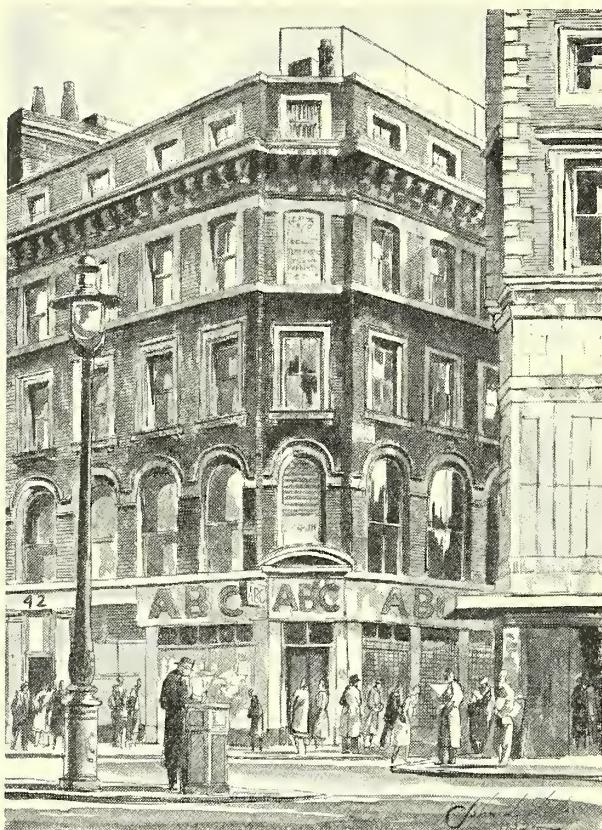
A Weekly Journal of Pharmacy and of the
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THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists' and Druggists' Society of Ireland, and of many Chemists' Societies in New Zealand and South Africa.



23 years ago





42 Cannon Street, London, E.C.4, as it is today. In the floors above the shop the C. & D. was produced until the removal to the present address.

mands and predilections of readers and, we would add, of advertisers. While chemists, wholesalers and manufacturers would be the first to admit or assert that they are not typographers, it may be assumed that, like other educated sections of the community, they are today considerably more "type-conscious" than were their counterparts of even a generation ago. The reader least familiar with letter shapes and arrangements, however, cannot fail to notice that many of the pages have a three-column in place of a two-column arrangement. Daily newspapers have conditioned readers to narrow columns so fully that we believe those of them who are also C. & D. readers will feel more at home—in all those sections of the paper that have the character (in the broadest sense) of "news"—with the more flexible presentation the three-column arrangement makes possible. For variety, and as being more in consonance with the reflective mood in which they are likely to approach the commentary and "magazine" features of the paper, a longer line and generally more open presentation are adopted for those sections.

For the really expert it may be mentioned that the whole of the literary matter is set in one member or another of the type family that was specially produced some years ago for the London "Times" newspaper and has since been widely adopted not only for its intrinsic readability but for its unusually extensive range of adjuncts such as the mathematical and other signs so frequently needed in the technical articles that appear in a periodical like this.

The placing of the contents list in a column in advance of the editorial pages was decided upon as a compromise between practical considerations, which dictated its being placed close to the literary matter, and an endeavour to meet the wishes of abstractors and libraries, who seek (a), a constant and easily found position; and (b), an arrangement that is complete and quick to refer to. Readers unconcerned with the purposes of librarians will nevertheless, we believe, find the contents page pleasant to use.

To the editorial staff the larger page gives greater scope in display, especially of illustrations, and moreover some additional area in which to cater for interests that have had—perforce—to be to some extent neglected so long as we remained a pocket-size publication. There is, we say at once, no intention to depart from the concentrated, factual, economical—perhaps even sometimes astringent—journalistic style that has enabled THE CHEMIST AND DRUGGIST to give always, size for size, so meaty a weekly "spread" of information and interest.

The advantage of the change to advertisers is so obvious as hardly to need comment. Their "elbow room" is restored. Indeed, in the new front cover, it is even increased for the title design combines, we believe, a strong element of tradition and continuity with a distinctively modern simplicity, while allowing the advertiser the free use of a larger area than any previous C. & D. front cover has given him.

We conclude by recognising that in journalism there is no finality. To watch for ways of improving our paper will continue to be our policy. Comments from readers will, as always, receive the closest attention, and we have every confidence that our act of faith, made at a time when production costs continue high, will be welcomed.

JAMES GREGORY: A Bicentenary

By W. R. BETT

DR. JAMES GREGORY, who is immortalised in the annals of medicine through the powder which bears his name, was born at Aberdeen two hundred years ago, in January 1753. While he was a medical student at Edinburgh in the winter session of 1773, his father, John Gregory, professor of medicine in the university, died suddenly, whereupon the son completed the course of lectures in his stead. The great William Cullen was subsequently appointed to the vacant chair. The twenty-year-old student, however, had made so favourable an impression on the authorities that the professorship of the institutes of medicine was kept open for him until he had obtained his M.D. two years later.

As a teacher James Gregory was a great success with the medical students of several generations, who valued his shrewd and practical wisdom and delighted in his vigorous and entertaining style of delivery. Under his rule the Edinburgh school acquired so great a reputation that students flocked to it from the four corners of the earth. Expectant and half-hearted therapeutic measures did not appeal to him. He was an enthusiastic advocate of blood-letting, purging, cold affusion, and tartar emetic, but he had no use for meddlesome medicines when there was no obvious prospect of success. His book *Conspectus medicinae theoretice ad usum academicum* (1780-82), written in model Latin, was immensely popular both in this country and abroad. Himself a great believer in temperance, in physical exercise without fatigue, and in mental exercise without anxiety, he did not always practise what he preached.

A great talker, possessed of keen wit and mordant sarcasm, Gregory revelled in controversies, which, according to Lord Cockburn's *Memorials of his time*, were "rather too numerous," but he "was never entirely wrong." On one occasion, after a heated argument, he proceeded to beat the pugnacious Dr. James Hamilton the younger, professor of midwifery in the university, with his walking-stick, and, fined £100 for this offence, is alleged to have expressed his readiness to pay double for another opportunity.

In 1790 Gregory succeeded Cullen in the chair of the practice of medicine, and from that time until his death he had the largest consulting practice in Scotland. The last twenty years of his life were marred by repeated attacks of inflammation of the lungs, and from one of these he ultimately died on April 2, 1821, in his sixty-ninth year. He was buried in Canongate Churchyard, Edinburgh.

FIGURES IN THE PHARMACEUTICAL WORLD

IN most lives there is a turning-point. In the career of the Ministry of Health's Chief Pharmacist the crux, fortunately for pharmacy, came early.

The young Harold Davis had set out on an apprenticeship in chemical engineering at the Metropolitan Vickers Electrical Co., Ltd., Trafford Park, Manchester, near Eccles, Lancs, his home town. He had passed one milestone by taking his intermediate examination in electrical engineering at Manchester College of Technology, but was still handling metals at the bench when a strike in the industry left him chafing at the enforced inactivity.

Something—was it chance or the persuasiveness of an old friend?—decided him to start all over again in pharmacy. His second, and pharmaceutical, apprenticeship was served in the three very assorted pharmacies of Mr. J. P. H. Greenwood: at Patricroft, Southport and Salford. In one apprenticeship a more varied experience would surely be hard to come by. Switched from workaday Eccles to fashionable Southport and thence to Salford (among the very streets that were the setting of "Love on the Dole") he learned to mix freely with customers of all types, a facility that grew with time.

His scientific education proceeded apace. Taking evening classes in Manchester under James Grier, in 1923 he gained the Manchester scholarship. Continuing his studies under Mr. (now Professor) Harry Brindle, he wasted no time in qualifying, taking Parts 1 and 2 together (at that date it was still possible) in April 1924. He was the only one of about forty entrants to do so. Scarcely three months later Harold Davis, M.P.S., graduated Harold Davis, Ph.C., and was at once snapped up by Mr. Brindle to assist him as lecturer. In 1925 he was awarded the Pereira medal and applied for, and gained against older competitors, a lectureship in pharmacy at Swansea municipal technical college, South Wales. Two years later he was head of the department, and in January 1929 an examiner for the Pharmaceutical Society. At that time he seemed all set for an academic career. In 1927 he had married a pharmacist, Miss Ollerenshaw, and could well have settled down permanently at Swansea.

But hospital pharmacy attracted him, and he left Wales for London to take over the post of chief pharmacist at University College Hospital, at the time Dr. C. H. Hampshire became secretary of the Pharmacopoeia Commission. He was to remain in the department for eighteen years, and at the end to be a member, among other things, of the Medical School Committee. Part of his hospital duties was to lecture to medical students and nurses, for which purpose he needed the authority of a degree. While still at Swansea, he had taken the London Matriculation examination, his matriculation certificate of the Northern Universities not being acceptable at London University. He came with a [London] First Division pass, his inter. B.Sc. and subsidiary mathematics, leaving only chemistry to take to secure a special B.Sc. (London) degree. He



1. Dr. HAROLD DAVIS

gained it in 1930, and with it the Associateship of the Institute of Chemistry.

His first research paper, published a little before that time, was a modest affair on extract of gentian; his second—from U.C.H.—was on Dakin's solution. There followed a series of studies on sterilisation that exploded the Tyndallisation process, as then applied to official preparations, and led to its omission from the pharmacopoeia. A thesis on the bacterial investigation of sterile materials gained him his Ph.D. in 1939. Within a few years Dr. Davis was an examiner for the universities of London, Manchester and Wales; a member of subcommittees of the British Pharmaceutical Codex and British Pharmacopoeia, and one of the original members of the war-time Therapeutic Requirements Committee. He revised, and brought up to date, Bentley's

"Textbook of Pharmaceutics," which reappeared, enlarged and modernised, in 1948. At Nottingham, in 1952, he was appointed honorary treasurer of the British Pharmaceutical Conference. With so complete a mastery of problems in many pharmaceutical fields, Dr. Davis stood out as the man to take over in 1947 the post—newly created under the National Health Service Act—of Chief Pharmacist at the Ministry. He applied for, was offered, and accepted the appointment. The rest is known. Since he joined the Ministry, its interest in pharmacy has widened from National Health Insurance matters to take in a most varied terrain and it would be no exaggeration to say that rarely, today, is any official decision taken on a pharmaceutical matter without his being called into consultation.

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The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at
28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

A New Edition of "Pharmaceutical Formulas"

THIS week there appears a new edition—the twelfth—of "Pharmaceutical Formulas, Volume I," first published in 1898. The work, which presents a collection of several thousands of formulas which are required at some time or another by pharmacists and others in the drug and allied trades, has in this edition been entirely re-written. The formulas cover the whole field of galenical preparations. The material has been selected from twenty-six pharmacopoeias, many Commonwealth and foreign formularies, hospital pharmacopoeias, medical and pharmaceutical publications, etc.

Where experience has shown that older formulas are still in frequent request they have been retained, a policy that is of some interest in view of the general tendency of official formularies to eliminate all but those that are (a) representative of a class of medicament and (b) acceptable to current thought on prescribing. A special effort has been made to include formulas for preparations or prescriptions designated by the name of their author or originator.

In a table "Pharmacopoeial Equivalents," the official titles and official synonyms adopted by foreign pharmacopoeias are given alongside the designations of equivalent preparations in this country. A second table gives the concentration of the acids, alcohols and alcohol solutions figuring in the twenty-six pharmacopoeias and in two semi-official works of reference. Notes are included on improvements and new methods introduced in the manufacture of pharmaceutical preparations. The work is an indispensable inclusion in every chemist's reference library. Its price is 37s. 6d. Orders should be sent to the Publisher of this paper.

Overseas Trade in November 1952

UNITED KINGDOM exports in November 1952 were valued at just over £207 millions. Though the amount was lower than the value of exports in October (£218.8 millions), the daily rate of export in November was 2 per cent. higher. Imports into the United Kingdom were £262 millions, against a monthly average of £262.6 millions in the third quarter. With re-exports at £8.9 millions, the excess of imports (valued c.i.f.) over exports and re-exports (f.o.b.) was £45.7 millions.

The value of exports of the chemicals group (chemicals, drugs, dyes and colours) was, at £10.9 millions,

the highest since May, yet the section comprising drugs, medicines and medicinal preparations at £2,403,096 showed a fall of about £190,000 on the previous month. Proprietary medicines at £417,023 provided the lowest monthly total of the year for that class. Penicillin exports as a whole were only slightly lower than in October, as follows: Salts, £169,182 (against £169,678); injections, £161,492 (£176,822); other preparations, £42,661 (£34,379). Antibiotics other than penicillin were valued at £334,206—a record figure, but sulphonamides at £210,229 were at the lowest figure since individual figures for that item were given. So, too, were antipaludics at £21,732. Ointments and liniments exports were valued at £86,755, and insulin at £27,326. Hong Kong was the largest single purchaser of drugs, etc., taking goods to the value of £240,555, plus proprietary medicines £8,200. Perfumery and toilet preparations exported were valued at £554,852, which included cosmetics at £214,218, and dentifrices at £101,472. Perfumed spirits were valued at £52,665 and essential oils at £82,146.

On the import side essential oils were valued at £192,687; menthol at £2,610; and manufactured medicinal preparations at £263,688.

Portraits in Line and Word

IN a series of studies that commences in this issue, we are proposing to portray not only many leading figures who have achieved universal recognition in pharmacy but also others who have gained eminence, glory, fame or even, in some instances perhaps, mere notoriety in a particular field. Into our Hall of Fame all may gain admittance who have any sort of achievement to their credit, and no attempt is made to put them into any order of precedence or merit. The sequence will be purposely kept haphazard, and we shall jump from one person to another as the fancy takes us. The sole criterion will be the interest and pleasure of our readers.

Cancer, Tobacco and Atmospheric Pollution

TENTATIVE conclusions that there is an association between tobacco smoking and the incidence of lung cancer have had some confirmation from a statistical inquiry involving nearly 5,000 patients and carried out under the director of the statistical research unit, Medical Research Council (Professor A. Bradford Hill) and colleague (Dr. R. Doll) (*British Medical Journal*, 1952, **2**, 1271-86). Though no causative agent has been found by other workers in this field, the statisticians advance the theory that an agent only weakly carcinogenic in itself may become dangerously active in urban areas in the presence of atmospheric contaminants, such as benzpyrine. The result of the inquiry appears to dispose of a misconception that lung cancer varies according to sex for, though there are more men patients, there are also more men smokers than women smokers. Work on the identification of a possible tobacco carcinogen seems necessary for the light that it may throw on lung cancer and other forms of malignant disease. The theory, if proved correct, should focus attention more strongly on the problem of the pollution of the atmosphere—a menace which, in another form and concentrated into a three-day fog (or "smog") was the cause (*C. & D.*, 1952, **II**, 861) of many of the 3,000 extra deaths recorded in London during the week in which it occurred.

Onward from Galen

A CURRENT CAUSERIE

FROM the discovery of penicillin has arisen a new microbiological industry the importance of which may be judged from figures quoted in London recently by Dr. P. W. Brian (Imperial Chemical Industries, Ltd.). Speaking at a meeting of the Royal Society of Arts, he said that in the United States in 1951 the total production of antibiotics for human and veterinary use was 1,286,000 lb., including penicillin salts, 625,000 lb., streptomycin, 39,000 lb., and dihydrostreptomycin, 315,000 lb. The microbiological production of relatively simple carbon compounds such as ethyl alcohol or citric acid would always be threatened by synthetic processes based on cheap starting materials, but with more complex substances having specific properties (such as vitamins and antibiotics), the position was different. Vitamin B₁₂, for example, first produced at a great cost from liver, would almost certainly soon be produced in quantity from microorganisms.



Nor many would associate Lord Lister, the "father of antiseptics," with penicillin, but Lord Webb-Johnson, in a letter published in the *Sunday Times* recently, pointed out that Lister suspected that the mould *Penicillium* might influence the growth and activity of bacteria. On November 28, 1871, he embarked on an experiment "with the view of ascertaining whether the growth of fungi renders the liquid a less favourable nidus for bacteria." The experiment was inconclusive, but Lister noted that bacteria in the fluid from a glass in which there was a slight growth of penicillin "exhibited the most amazing energy."



RECENT correspondence in the *Scotsman* indicates that in certain districts of Scotland all is not well with the distribution of children's orange juice under the Ministry of Food arrangements. Correspondents have suggested pharmacies as the obvious source of supply. Indeed the only correspondent, a villager, who is satisfied with the supply arrangements states that she obtains it from her chemist. Is it not time for the Ministry to review distribution methods? Pharmacists who could carry out the work more efficiently, perhaps, than anybody else, could very likely be persuaded to do so provided, of course, the transaction were put on a proper financial basis.



A SOMEWHAT novel situation is created by the award, announced recently by the director of the Memorial Centre for Cancer and Allied Diseases, of a grant of \$20,000 to the research laboratories of S. B. Penick & Co., New York. Usually, as was pointed out by C. F. Gerhardt, London (an associate company), Messrs. Penick are at the giving, not receiving, end, for they make grants to universities and institutions. The grant covers a one-year project in the production of derivatives of certain botanical drugs for study in the cancer-screening programme of the Institute. A portion of the funds is segregated to defray costs of the procurement, in various parts of the world, of botanicals that are not now commercially available. The balance is being used for the isolation and purification of active principles of botanicals.



WHEN coma in a patient is suspected to be due to poisoning there is often perplexity and even a feeling of futility about how to deal with it. One suggestion that nikethamide should be empirically tried is worth following up. It was made by Romer (*British Medical Journal*, 1952, 1, 1135) after he had brought back to consciousness in thirty seconds a comatose patient believed to have taken 1,500 mgm. of pethidine. Romer used 6 mils intravenously.



THE drive by the United States into markets which, until recently, were the unassailable sphere of the United King-

don is seen in the announcement made recently that that country and India have signed an agreement providing for a comprehensive project of malaria control in India. The joint cost of the project is estimated at \$5.2 millions and Rs. 14.9 millions. The dollar expenditure is America's contribution, while the rupee part is being borne by the Government of India. The programme provides for the application of DDT-residual spraying measures, and the treatment with antimalarial drugs of persons suffering from the disease. The operations are to be carried out through seventy-five malarial control units, which will be organised and directed by antimalarial organisations in various States under the overall co-ordination and supervision of the Director of the Malaria Institute. Each unit will reach approximately one million people, providing protection during the malaria transmission seasons. The treatment with antimalarial drugs is being provided through the health services organised and operating within the States.

CORRESPONDENCE

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

"BLACK-LISTED" DRUGS

SIR.—So the planners imagine they know better than our medicos, and in the near future a "black list" will decide, to a large extent, what may not be prescribed! With the advent of the National Health Service I foresaw that happening and I am equally sure of many changes in the wholesale drug trade during the next decade. I understand the "black list" is to be submitted to manufacturers, but nothing is said regarding drug merchants. Surely those who take the responsibility of importing the necessary drugs should be shown the list first. Are we to continue importing aloes, benzoin, cascara, cocillana, guaiacum, etc., or not? There will be confusion until we know, and possibly a glut of unwanted items and a shortage of those required.

LONDON, S.E.1.

H. LATTIMER

NORTHERN IRELAND AND N.H.S.

SIR.—It may come as a surprise to many that Northern Ireland contractors are being deprived of certain privileges granted to English chemist-contractors—a quite illogical and unjustifiable state of affairs. Either the scheme is a national health scheme or it isn't. If it is a national scheme then what applies to one region should automatically apply to every other region. In England it is quite in order for a chemist to advertise the fact that he dispenses N.H.S. prescriptions—and rightly so, I would say, but in this part of the British Isles such advertising is not allowed, yet we are paid by the same Government and are subject to the same rates and taxes, etc., as our fellow chemists in England! I sincerely hope that our English friends will never allow themselves to be deprived of the right to conduct their businesses as they see fit, and not in accordance with the dictates of a Committee which is in no way responsible to, or concerned with the ultimate success or failure of, the proprietors of pharmacies. Perhaps we in Northern Ireland ("the land of nod") will yet awake and demand parity of contractors rights and privileges.

PRO BONO PHARMICO

PAYMENTS TO A COUNTRY CHEMIST

SIR.—In reply to Mr. Noble's letter, surely the figures I quoted would cause some disquiet in the minds of contractors—as distinct from those whose interest in payments is more academic. It was kind of Mr. Noble to express his belief in my sincerity, but it would please me much more to have facts and figures from other contractors. I gladly accept Mr. Noble's offer to have my prescriptions checked and look forward to the time when all prescriptions will be fully priced as was agreed in our original contract. As a small move in the right direction why not press for inclusion in the "S" bundle those prescriptions costing 3s. 6d. and over?

GREAT MISSENDEN.

[It is understood that the National Pharmaceutical Union is carrying out a check of Mr. Thurgar's prescriptions and will issue a report later.—EDITOR.]

H. R. THURGAR

SALE BY VOLUME AND IN THE METRIC SYSTEM

SIR.—The substitution of metric for Imperial weights and measures would be worth while, perhaps, if the country as a whole were to change over: but so long as retailers sell on the present system the change is unwanted. It looks as though manufacturers have prepared a pill with a "new look," to be swallowed by the retail chemists, just because the manufacturers will find it easier for themselves. Buy in bulk by the gramme and litre, and resell in Imperial? Certainly not!

COLOCYNTH

SIR.—The interesting letter signed "More Haste Less Speed" in your issue of December 27 (p. 875) gives a remarkably distorted picture of the policy of this Association in *recommending* (your correspondent evidently misread this word in our letter) to our members the use of the metric system in the sale of certain drugs. The minority who are opposed to this change are less than one quarter of the firms who voted in a postal ballot on the recommendations. There is no question of any "caveat" by the

Board of Trade against the metric system. The Board's comment on the proposal was in fact as follows:

"The information is of particular interest just now since, as you are probably aware, the President of the Board of Trade recently stated in Parliament that he was beginning consultations with the interests concerned on a large number of the recommendations of the Hodgson Committee on Weights and Measures Legislation, including that which refers to the abolition of the Apothecaries' System of measurement in favour of the Metric System during the course of five years."

It is clear, therefore, that the many advantages of the metric system so strongly brought out in the Report of the Hodgson Committee are fully appreciated by the Government, who will co-operate with all industries far-sighted enough to take steps to help themselves; they agree with industry, however, in not regarding this as a matter for arbitrary legislation.

LONDON, W.C.I.

GORDON SMITH, *Secretary, Association of British Pharmaceutical Industry.*

APPRECIATION

PLEASE supply a copy of booklet, *C. & D. Refresher Course*. I have read all these articles and congratulate you on publishing them.—A.G.F.

RATING ASSESSMENTS: HOW TO APPEAL

Oall the overhead expenses traders have to bear, local rates rank among the highest. Many chemists, in common with other occupiers of business premises, are highly concerned at their present rating assessments, and it is with dismay that some of them note proposals by Inland Revenue valuation officers to impose further increases.

How does a chemist or other retailer proceed in making an appeal against the present assessment of his shop, or against a valuation officer's proposal to increase the assessment? In making an examination of essential requirements it is convenient to divide the procedure into three parts: Proposal, objection and appeal.

Mr. John Smith, say, a retail chemist and druggist, has received from the local valuation officer a proposal to increase his rating assessment. He should immediately make an appointment to see the valuation officer, whose name and address is given on the copy of the proposal. On keeping the appointment Mr. Smith will find the official helpful in discussing his case, and in telling him why it is that an increase is proposed.

Perhaps Mr. Smith and the valuation officer are unable to agree the figure to be shown in the valuation list. The valuation officer explains that Mr. Smith may lodge an objection and provides the necessary form, stressing that it must be completed and lodged with him within twenty-one days from the date on which he served his proposal. Within twenty-one days of his having received the objection the valuation officer serves upon Mr. Smith a notice of appeal, and the case goes forward to the Valuation Court, which replaces the former Assessment Committee and comprises a chairman, two other members of a valuation panel and a clerk.

The Court decides to hear Mr. Smith's appeal in public (though to do so is not obligatory) and takes some of the evidence on oath. In view of the number of technical points at issue, Mr. Smith has wisely engaged the services of a professional adviser to represent him, though he could have conducted his own case if he had felt able to do so. After all the evidence has been heard and both sides have had the opportunity of calling and examining witnesses, the court gives its decision as to the value to be inserted in the valuation list.

Supposing that the court confirms the valuation officer's proposal, what can Mr. Smith do then? He may appeal to the Lands Tribunal, a new court of appeal, at least so far as rating assessments are concerned. If the tribunal upholds the decision of the Valuation Court and Mr. Smith is still not satisfied, the case, by agreement between the parties, may be referred to arbitration. It may also be taken to the Court of Appeal, and thence to the House of

Lords, though on a point of law only.

Now let the case of Mr. Jones be considered. He is, say, the owner and occupier of wholesale premises. Though Mr. Jones has not received a proposal from the valuation officer, he is of the opinion that his current rating assessment is too high, or he should be derated, and is anxious to secure an amendment. What can he do? First he should note that at any time he may make a proposal for an alteration to his assessment—and such a proposal could have been made by Mr. Smith had he failed to lodge his objection to the valuation officer's proposal within the time allowed, though only after the new figure had been confirmed and entered in the valuation list.

Mr. Jones is advised to see the valuation officer. (The address in the local telephone directory is under Inland Revenue since that department is now responsible for rating valuations.)

Mr. Jones completes the form of proposal, which he lodges with the valuation officer. He, on this occasion, has twenty-one days within which to lodge an objection with Mr. Jones. On receipt of the objection, Mr. Jones goes once again to the valuation officer to arrange an appeal to the Valuation Court. He finds that valuation officers are helpful in phrasing the grounds of objections and proposals and in advising ratepayers as to procedure generally. The assessments of similar premises may be found by inspection of the valuation list (at any reasonable time and without charge). But it is important to realise that it has been held in law that the assessments of comparable properties cannot be taken into consideration if it is established that the assessment of the property under appeal is correct.

Alterations made to the valuation lists as a result of proposals have effect from the first day of the rating period in which the proposals are made. Thus, both ratepayer and local authority are entitled to an increase or reduction of rates from the commencement of the rating year. Exception is made in respect of new and altered hereditaments (rateable properties), in which case the operative dates are the dates of the happening of the events. The ratepayer has no right to withhold payment of the rates demanded by the local authority pending the hearing of an appeal.

Increases in rating assessments, multiplied by the expected increased amounts of rates-in-the-l, will most certainly result in occupiers of commercial premises being called upon to bear a grievous burden of extra rates. It is therefore clearly in the best interests of any trader who has received a proposal for an increased assessment or who feels that some adjustment to his rateable value is warranted, to lose no time either in approaching his local valuation officer himself or in engaging some suitably qualified person to undertake negotiations on his behalf.

SHARE MOVEMENTS, OCTOBER-DECEMBER 1952

BY A FINANCIAL CORRESPONDENT

BUSINESS in drug trade company ordinary shares during the fourth quarter of 1952 followed the general trend of all industrial sections of the London Stock Exchange in being on a smaller scale than during the third quarter. Share price movements also followed the prevailing tendency, as rises and falls were fairly equally divided.

In the higher-priced group, a firm feature was supplied by Reckitt & Sons £1 ordinary, which closed 3s. 6d. better at 84s. 6d., after having been transferred as high as 85s. 6d. in the meantime, with shares changing hands practically every business day and orders of some size readily transactable. During the past six months, therefore, these shares have appreciated by about 10s. Allen & Hanburys £1 ordinary were noteworthy in that they closed 2s. 1½d. lower at 56s. 3d., thus almost exactly extinguishing the gain they achieved during the third quarter.

A fairly regular business was also done in Glaxo Laboratories 10s. ordinary, which finished 6s. 10½d. lower at 69s. 4½d. They thus lost that amount of the 10s. 9d. gain established in the third quarter, during which they recorded a new high level. W. J. Bush & Co. £1 ordinary finished 2s. 3d. down at 43s. 9d., i.e., about their lowest of the year. During the past six months these shares have thus moved by about 8s. against holders. Borax Consolidated £1 deferred, on the other hand, closed a few pence harder at 37s. 1½d., maintaining the 3s. 7½d. gain recorded during the previous review period. They continued to be the centre of a fairly regular turnover.

Medium-priced Shares

In the medium-priced group, Barclay & Sons £1 ordinary were valued unaltered at 30s., with dealing conditions still very restricted. Elsewhere, a firm feature was evident in Southalls (Birmingham) 5s. ordinary, which finished 2s. higher at 23s. 6d., and for Gref Chemical Holdings 5s. ordinary, which closed 1s. 7½d. better at 17s. Regular trading continued to be done in Boots Pure Drug 5s. ordinary, which finished a few pence harder at 20s. 3d., with fairly large-sized orders readily transactable. Fairly regular deals were completed in Aspro 5s. ordinary, which closed about one shilling down at 17s. 3d., thus extinguishing the greater part of the 1s. 4½d. gain achieved last time. Monsanto Chemicals 5s. ordinary again appeared in the list of markings practically every business day. They closed about 3s. 6d. lower, at 23s. 4½d.

In the lower-priced group, a good feature was supplied by Dubarry Perfumery 1s. ordinary, which closed nearly one shilling better at 2s., their best for 1952. At one time in 1951 these shares were as high as 2s. 9d., and in 1950 they once went up to 3s. 3d. Amber Chemical Industries 2s. ordinary were priced threepence better at one shilling, thus recovering that amount of the 1s. 3d. loss which they experienced during the last review period. Solidol Chemical 2s. ordinary were valued one penny harder at threepence, their 1952 highest, following the sale of 65 per cent. of the firm's issued capital.

The preference share section was noteworthy in that the firming trend reported here last time was continued. A good feature was evident in Allen & Hanburys 7 per cent. preferred ordinary, which closed 1s. 10½d. better at 25s., their 1952 best. Beechams McLean Holdings 4 per cent. redeemable cumulatives were priced 7½d. higher at 16s. 3d., that also being their 1952 highest. They gained altogether 1s. 3d. during the second half of 1952. Taylors (Cash Chemists) London 6 per cent. firsts closed a few pence harder at 21s., almost their 1952 highest. Savory & Moore £1 5½ per cent. closed without really quotable change at 18s. 6d., i.e., with the 2s. 1½d. gain achieved during the third quarter of the year well maintained.

NAME OF COMPANY £1 units unless otherwise stated	1952		LATEST
	HIGH	LOW	
Albright & Wilson, 5s. ...	18 3	14 1½	15 9
Allen & Hanburys, ord. ...	65 4½	52 0	56 3
Do. 7% pref'd. ord. ...	25 0	22 0	25 0
Amber Chemical Industries, 2s. ...	2 6	7 1 0	
Aspro, 5s. ...	22 0	16 9	17 3
Barclay & Sons ...	30 7½	30 0	30 0
Beecham Group, 2s. 6d. def'd. ...	15 0	10 0	12 0
Beecham McLean Holdings, 4% red. cum. pref. ...	16 3	13 0	16 3
Boots Pure Drug, 5s. ...	22 10½	16 10½	20 3
Boots (Eastern) 6% cum. A pref'd. ...	23 0	21 0	22 6
Do. (Western), 7% A p.efd. ord. ...	27 0	24 3	25 0
Borax Consolidated, def'd. ...	37 9	31 9	37 1½
British Drug Houses, 5s. ...	9 9	7 3	9 7½
Bush, W. J., & Co. ...	61 3	43 9	43 9
Dubarry Perfumery, 1s. ...	2 0	9	2 0
Dufay, 2s. ...	11	4	9½
Evans Medical Supplies, 5s. ...	7 7½	5 6	5 10½
Glaxo Laboratories, 10s. ...	80 6	63 6	69 4½
Do. 10s. 8% cum. pref'd. o.d. ...	15 4½	13 6	14 3
Gref Chemical Holdings, 5s. ...	18 0	13 0	17 0
Howards & Sons ...	21 6	20 0	20 9
Do. 5½% cum. pref. ...	19 6	18 3	18 6
Ilford, 5s. ...	14 9	11 1½	12 10½
Monsanto Chemicals, 5s. ...	28 9	21 6	23 4½
Reckitt & Sons ...	94 0	73 3	84 6
Savory & Moore, 5½% red. cum. pref. ...	19 3	14 4½	18 6
Smith & Nephew and Associated Companies, 4s. ...	20 9	16 9	18 1½
Solidol Chemical, 2s. ...	3	½	3
Southalls (Birmingham), 5s. ...	33 9	19 6	23 6
Taylors (Cash Chemists) London 6% cum. pref. ...	21 3	17 10½	21 0
Taylors (Cash Chemists) Trust 6% cum. pref. ...	21 3	18 3	21 0
Vitamins, 1s. ...	2 4½	1 9	2 0
Whites, Timothy, & Taylors, 5s. ...	29 9	23 0	27 4½
Do. 7½% cum. pref. ...	26 6	24 0	25 4½
Wright, Layman & Umney ...	25 0	21 3	23 9
Yardley & Co., 4s. ...	21 0	18 3	20 3
Do. 4s. A ...	21 3	17 6	20 3
Do. 4½% second pref. ...	17 1½	15 0	16 3

BRITISH ASSOCIATION OF CHEMISTS

THE annual meeting of the British Association of Chemists was held in London recently, Mr. R. P. PORTER (the retiring president) in the chair.

The council's annual report for 1951-52 stated that the work of the Association had progressed satisfactorily. Members were making increasing use of the services of the Association, and there were indications that the need for expert advice on matters concerning agreements and terms of employment was growing.

152 new members were elected during the year, as against ninety-seven for 1950-51 and sixty-eight for 1949-50. The unemployment benefit fund continued to improve its position. There was a surplus of £1,496 on the year's working. Unemployment benefit of £573 was paid during the year.

The report was adopted and the following officers were elected: President, Mr. F. Scholefield; Vice-presidents, Mr. R. P. Porter, Dr. A. T. Healey, Messrs. L. E. Puddefoot and T. McLachlan; Treasurer, Mr. H. R. Neesh; Secretary, Dr. F. W. Kay; Registrar, Mr. H. L. Howard; Editor, Dr. J. P. Lawrie.

A joint discussion is being arranged between the London sections of the B.A.C. and the Royal Institute of Chemistry on the education of chemists. Representatives of London University, the technical colleges, the Ministry of Education, and industry, will take part.

NO GILT ON THE GINGERBREAD

BY HUBERT BLORE

IN industrial areas the shilling prescription charge has definitely taken the gilt off the gingerbread for patient and chemist, whatever may be happening elsewhere. In November 1952 a 30 per cent. reduction in prescriptions, compared with November 1951, was in those areas a fairly common experience. Thus after five months the public as a whole show no sign of resuming full use of the service.

The Child is the Victim

Apart from the drain on pharmaceutical pockets, that represents a wider and more unfortunate repercussion on the health of the nation. One effect has been a great diminution in the number of children's mixtures dispensed. The poorer homes in the country are being driven back on to "self" medication for their children. The doctor is being called in only when the child's condition becomes so serious that alarm outweighs reluctance to spend. If the levy deprives children of medical help in the early stages of illness, it is an economy the nation can ill afford.

Other undesirable side-effects are also becoming manifest. There is an increasing tendency on the part of prescribers to write all the prescriptions for one family on one form so as to save the family purse the outlay of more than one shilling. All the items are handed out correctly labelled with the name of the patient as it appears on the form, but on several occasions lately the writer has been asked "Which is my medicine and which is the little boy's?" This sorting-out of prescriptions between members of a family is an exasperating and invidious business for which no provision was made in the contract. It is usually easy to tell the prescriber's intention from the nature of the preparations ordered, but it could become guesswork, and mistakes could be made for which the pharmacist could not be held responsible.

Most members of the public are now very co-operative about paying the levy and present their shilling with their form, but there remain the few awkward citizens. One benign and elderly lady recently refused point blank to hand over her shilling until the bottle of medicine was actually handed over to her. When it was pointed out to her that the levy was taken when the form was presented so as to provide against any tendency to forget the matter during subsequent conversations, the shattering reply was that *her* memory (although she was nearing eighty) was in first-rate condition. A still more awkward customer presented, half an hour after closing time, a form four days old, and on being asked for his shilling, produced a £5 note. When the writer declined to re-open his safe and change the note, he was given a promise that the shilling would be delivered the following morning. Of course, the customer has not been seen since.

As money becomes tighter there is a tendency on the part of shopkeepers generally to remain open longer in the evening. Indeed, that behaviour recently received something in the way of blessing and encouragement from the House of Commons. Pharmacists should be very wary about keeping open late. As contractors they are dealing with a Government intent on not spending a penny on the health service where a halfpenny will serve. At present a rota fee of 7s. is forthcoming for each evening on which, in due turn, a contractor on an approved rota remains open till 7 p.m. If, driven by need or greed, or by an insatiable thirst for work, chemists remain open until that hour every night, they are surely asking for trouble. Someone in Whitehall will clamp down on any further rota payments.

Where there is a genuine desire to make rota arrangements work they are still working perfectly, and there is no-one who cannot close on non-rota evenings at approximately 6 o'clock if he really wishes to.

A 1953 Resolution for Contractors

As 1953 dawns there is one New Year resolution which all pharmacists could adopt with profit. It is to shed their inferiority complexes, and put a higher value and regard on their services to the community. If they undervalue themselves, administrators will certainly arrive at no proper assessment of their worth. Yet what other profession works longer or more diligently for such a modest reward? With no superannuation and no security, dependent entirely on the state of trade and the whims of a Government department, chemists saddle themselves at their own risk with full stocks of drugs which the Ministry purchases only in small quantities as it requires them. The department, moreover, professes itself incapable of setting up the machinery to price prescriptions so as to pay properly and in full within a reasonable time for the work done. Instead, they call on contractors to accept a system of part-pricing and averaging, which, in addition to becoming ever more complicated, inevitably causes some to receive less than their due reward.

With exasperating humility, chemist contractors seem to accept all this, plus a system of testing and analysis which may be necessary, but which, if it is, should equally be applied, in fairness, to the other contracting professions.

Apart altogether from dispensing, chemists are the unpaid advisers to the public on an astonishing range of subjects, saving them many times from their own foolishness. On many occasions chemists act against their own financial interests by declining to supply articles which it is perfectly legitimate to sell, simply because they consider it would be, from the standpoint of public policy, unwise to do so. Pharmacists can, indeed, hold their heads high as being one of the most unselfish and diligent professional groups in the country. They are not given to blowing their own trumpets, but in 1953 they should consider doing a little more in that direction in order to overcome the tendency of others to place too low a value on the pharmaceutical services rendered to the community.

RESOLVED . . .

*WE have sworn an oath for '53
On the B.P. and the B.P.C.,
By the beard of Galen
With vigour unfailin'
We'll sort our N.H. scripts diurnally,
And see that from now on, eternally,
Time does permit.
Si opus sit,
Vespere, after hours, we'll tackle 'em,
Or failing that, then, post jentaculum—
The routine jobs,
The over-five-bobs.
The "broken bulk," the out-of-date mist.,
The proprietary pill that doesn't exist,
All ready to post
With the usual host
Of EC documents and forms
Packed up to weather pricing storms—
Yet, alas, we fear,
Each month, each year,
This vow we've made and always broken,
So now the rash words have been spoken
We'll take a bet
That still we get
The end-of-month-ly sorting toil
And burning of the midnight oil,
With EC10's
And red ink pens.*

BRANCH AND ASSOCIATION MEETINGS

GLASGOW

Work of a Magistrate

A MEETING of the Association of Glasgow Pharmacists in Glasgow recently was addressed by Mr. James F. Langmuir (stipendiary magistrate, City of Glasgow), who said that Glasgow was the only local authority in Scotland to employ a paid magistrate. His powers within the Glasgow area were the same as those of a sheriff within his county. On the subject of methylated spirits, eau de cologne, and paraldehyde drinking, Mr. Langmuir said that the Act of 1903 was now out of date, and it was not good enough for any government to say that new legislation was not worth Parliamentary time. Mr. James Mair asked if it was avoiding responsibility merely to dismiss a young assistant found stealing, and Mr. Langmuir strongly advised employers to call in the police, and to offer to take back the offender for a second chance. Where that had been done, he had never known such an offender to come before him a second time.

PLYMOUTH

Annual Dinner and Dance

THE annual dinner and dance of the Plymouth Branch of the Pharmaceutical Society was held locally on December 10, Mr. C. Condy U'Ren (chairman) presiding. The lord mayor of Plymouth (Alderman H. E. Wright) proposed "The Pharmaceutical Society," and Mr. T. Heseltine (vice-president of the Society) replied. He said that the revised code of ethics was being examined clause by clause at a conference between representatives of the National Pharmaceutical Union and the Society. He was confident that a code acceptable to all members would be evolved. Mr. Heseltine congratulated the Branch's social committee on its efforts on behalf of the Society's Benevolent Fund.

"The Guests" was proposed by the chairman who later, on behalf of the branch, presented £15 15s. cheques to the lord mayor for his Christmas fund and to Mr. Heseltine for the Society's Benevolent Fund. The lady mayoress and Mrs. Heseltine were presented by Mrs. U'Ren with souvenir silver spoons engraved with the City of Plymouth crest. Mrs. U'Ren was afterwards presented by Mrs. W. J. Gale with a similar gift.

MANCHESTER

Forensic Pharmacy Lecture

AT a recent meeting of the Manchester Pharmaceutical Association and Branch of the Pharmaceutical Society, Mr. W. R. Roberts (the Society's chief inspector) spoke on "Everyday Problems of Forensic Pharmacy." Mr. Roberts dealt with the origin of the Society and the earliest poisons legislation. Any change in the present situation, he said, required a re-orientation of ideas as to the functions of the pharmacist. Conflict of interests must be reconciled. Pharmacy had set a fine example as to what could be achieved by self-government in relationship to its responsibility to the public. The main problem of all future

legislation was that there must be a statutory recognition of the pharmacists' functions and a complete separation of medicines and poisons legislations. Mr. Roberts then dealt with the question of the current poison law, bringing in the nomenclature, the problems of definition and of narcotic control, proposed additions to the fourth schedule, anti-histamines and sulphonamides, the definition of repetition of EC10 prescriptions, the Penicillin Act, the Dangerous Drugs register, telephone orders for Schedule 4 drugs, the poisons register, First Schedule problems, the official explanation of qualified supervision and Dangerous Drugs regulations, midwives' authority and the Veterinary Surgeons Act, 1948. Mr. Roberts gave the following reasons for the introduction of the draft Pharmacy Bill, 1952:

1. Creation of a single register.
2. To permit registration of persons holding degrees.
3. Abolition of the maximum of £2 for the personal registration fee.
4. Recal of provisions concerning Council elections.

ISLE OF WIGHT

Discussion on Code

ISLE of Wight Branch of the Pharmaceutical Society met recently under the chairmanship of Mr. W. G. F. Sutton and discussed the Council's Draft Revised Statement on Professional Conduct and its report on assistants. The Statement was taken clause by clause and a number of resolutions were passed for submission to the Council. It was resolved that clause 2 should be amended to read:

"The opening and closing hours under any rota or other local arrangements which enable the general needs of the public to be adequately met outside normal hours of business should be observed."

MR. W. RAMAGE spoke against any lengthening of normal closing hours.

Total deletion of clause 3 was proposed by Mr. P. A. MOORE, seconded by MR. RAMAGE, and carried unanimously. It was considered that the clause was a challenge to freedom in pharmacy and that a comprehensive service as in clause 2 was sufficient.

It was considered that until the Society could obtain sufficient remuneration from the Ministry of Health enabling pharmacists to live from pharmacy as such, clause 4 should be deleted. The granting of a rota payment was tacit agreement that the authorities accepted the fact that pure pharmacy could not cover costs of keeping a shop open.

Concerning clause 10, that the words "dispensing chemist" should not be barred from use in advertising was proposed by MR. F. WEEKS, seconded by MR. M. F. THATCHER, and carried unanimously.

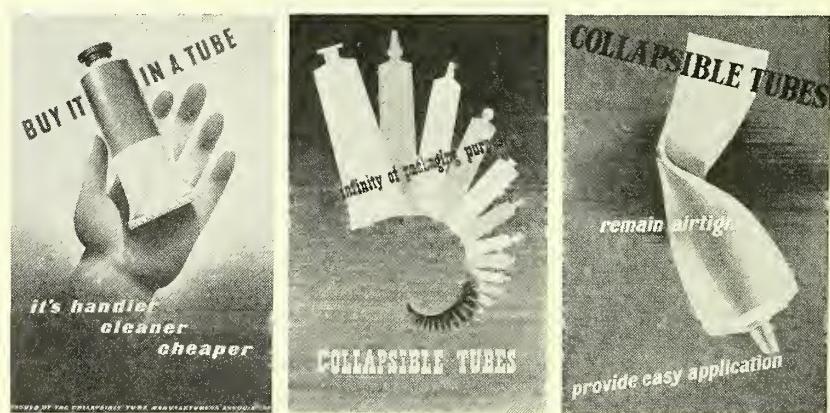
Clause 11 should be amended to read:

"Any announcements which may be needed as to dispensing services available in the district should be issued through the local Branch in conjunction with the Executive Council."

That was proposed by MR. RAMAGE and seconded by MR. MOORE. It was pointed out that Executive Councils determined the hours normally worked but sometimes local Branches desired to notify the public of special arrangements.

In the discussion on assistants it was pointed out that under its Charter the Society was concerned with pharmacists, not unqualified assistants. The question of other bodies organising unqualified labour if the Society failed to do so was raised and MR. THATCHER pointed out there was already indirect recognition by the Joint Industrial Council in so far as a scale of salaries was laid down. Although the tendency was to reject the idea of examination and registration by the Society, MR. RAMAGE pointed out that care was needed in wording any motion for he could see no great urgency for immediate action which would completely close the door against future consideration.

It was proposed by MR. MOORE and seconded by MR. RAMAGE that "We, as a Branch, oppose registration and examination of unqualified assistants by the Society under present circumstances."



PRIZE-WINNING SHOWCARDS: Shown above in order are the first, second and third prize-winning designs in a showcard competition organised by the Collapsible Tube Manufacturers' Association. The prizes were £50, £20 and £10 respectively. The competition proved unique in two respects: 1, The period between announcement and last day of entry was just over a month, yet sixty entries were received, including one from Canada and another from South Africa. 2, The competition preceded, and is linked with, a display competition to be held early in 1953. The winning design will be used to provide a focal point for displays of collapsible-tube-packed products in chemists' windows, and chemists will be invited to enter a window-display competition.

NEW BOOKS

Exporter's Year Book

ARTHUR J. DAY, A.M.I.E.S. (EDITOR). *The Syren and Shipping, Ltd.*, 26 Billiter Street, London, E.C.3. 9 $\frac{1}{4}$ x 7 $\frac{1}{4}$ in. Pp. 323 plus diary and appendices, xiv. 40s. (including subscription to the *Merchant Shipper* monthly).

IN the 37th year of publication the book follows the previous pattern of providing information on documents required for international trade. Under each country is set out such matter as the area, airports, currency, weights and measures, postal and commercial information.

Introduction to Carbohydrate Chemistry

D. J. BELL, PH.D., SC.D., F.R.I.C. *University Tutorial Press, Ltd.*, Clifton House, Euston Road, London, N.W.1. 7 $\frac{1}{4}$ x 4 $\frac{1}{2}$ in. Pp. 100. Third edition. 6s. 6d.

ALTHOUGH largely rewritten, Dr. Bell's book continues to address itself primarily to students offering biochemistry in part I of the Natural Sciences tripos at Cambridge. Much new material, revealed chiefly by chromatography, has been included, yet the edition is shorter than the two editions that have preceded it in the past twelve years. The author has devoted more space than before to enzymic mechanisms and biosynthesis, gaining it at the expense of catabolism of the hexose molecule, which is well described elsewhere. His style is simple and lucid. In a foreword, Professor F. G. Young, F.R.S., commends the edition to "chemists and biochemists alike."

A Guide to Filter-paper and Cellulose-powder Chromatography

J. N. BALSTON, B.A., and B. E. TALBOT (EDITOR, TUDOR S. G. JONES, B.Sc., PH.D., A.R.I.C.). *H. Reeve Angel & Co., Ltd.*, 9 Bridewell Place, London, E.C.4, and *W. & R. Balston, Ltd.*, Springfield Mills, Sandling Road, Maidstone. 9 x 5 $\frac{3}{4}$ in. Pp. 145. 8s.

SINCE the publication of the original work on partition-chromatography columns by the 1952 Nobel prizewinners Martin and Synge, chromatography has travelled far, though still largely confined to research and specialist chemists. This new book is provided for workers who are meeting chromatography for the first time. It deals in turn with the selection of the correct type of filter paper and cellulose powder, and the applications of the method to organic and inorganic substances, the vitamins A, B complex, C and E, alkaloids, penicillin, streptomycin, steroids, and other substances of pharmaceutical importance. Illustrations on art paper give details of many chromatograms. References are plentiful.

Structure of Physical Chemistry

C. N. HINSELWOOD. *Oxford University Press*, Amen House, Warwick Square, London, E.C.4. 9 $\frac{1}{4}$ x 6 in. Pp. 476. 35s.

SIR CYRIL HINSELWOOD has made an attempt to set physical chemistry in a correct perspective and to trace the lines of continuity running through that diversified subject from, for example, an elementary consideration of the atomic theory to the nature of living matter. He has tried to indicate how an inquiring mind would tackle the problem of finding out about the nature of things grouped under the heading "physical chemistry," and to interpreting stage by stage the unknown in terms of the known. By adopting an approach which he calls "humanistic" (for one of the greatest activities of man is finding things out) he hopes that he will correct the tendency noticed in students to develop a lop-sided impression of the subject. The work is an informal textbook leavened with a philosophy. Its style is a model of scientific English. The six parts of the book (the world as a molecular chaos; control of the chaos by the quantum laws; electrical basis of matter; forces; forms of matter in equilibrium; passage towards equilibrium) are summarised in non-technical synopses.

Civil Industry and Trade

E. L. HARGREAVES and M. M. GOWING. *H.M. Stationery Office*, York House, Kingsway, London, W.C.2, and *Longmans Green & Co., Ltd.*, 6 Clifford Street, London, W.1. 9 $\frac{1}{4}$ x 6 $\frac{1}{4}$ in. Pp. xii + 678. 37s. 6d.

THE book is essentially a history of war-time controls and not of the industries that were controlled. The problems dealt with are those that were the responsibility of the Board of Trade during the 1939-45 war, the authors having had access to the Board's war-time files numbering, it is stated, 12 millions. The book examines (1) the control exercised over imports and export policy, (2) the efforts made to release resources for civilian uses, and (3) the effort to ensure that a minimum quantity of essential civilian products were made and equitably distributed. On price control the authors state that the Board was more concerned over complaints from the public about profiteering than about inflation. The result of the Prices of Goods Act was to enforce price control more effectively against the retailer than the manufacturer. Six pages (531-536) discuss the measures taken to control the production of toilet preparations. As in many other industries it was necessary to divert raw materials and labour to those industries directly concerned with the war effort. But control over an industry which required little or no machinery, that used small quantities of raw materials with large profit and that produced goods which were easy to transport, proved a tiresome one for the Board. As soon as one form of evasion was stopped, "other means of flouting the regulations were devised" by unscrupulous manufacturers to the detriment of established manufacturers. By the end of 1943 control over their production was one of the most complicated that had been evolved by the Board, and in September 1944 more than fifty special licence forms were in current use. The authors only incidentally refer to the chemical industry.

Westminster Hospital, 1719-1948

JOHN LANGDON-DAVIES. *John Murray*, Albemarle Street, London, W.1. 8 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in. Pp. 274. 21s.

THE first voluntary hospital to be founded as such (and not derived from a religious institution) passed, like others, under the Minister of Health in 1948. The Westminster was fortunate at the time in having on its old and new boards not only one who, as the new chairman (Lord Nathan), symbolically insisted on the hospital's continuity of purpose by causing to be placed on the table at meetings of the Board of Governors the first minute book of the First Founders; but in addition a distinguished publisher: the publisher of this book. Their influence, no doubt, caused the history of the Hospital to be written, and ensured that the result was a worthy record, handsomely illustrated and attractively book-jacketed, of "one of the oldest and most progressive and famous constituents of the Voluntary Hospital Movement." Reading between the lines of the preface, the observant may infer that the author has resurrected some long-buried facts which some of the governors may have wished unexhumed. To a pharmacist it is perhaps no less to be deplored that he has found it possible, while outlining so sharply the history of the hospital as to illuminate the development of medicine itself, to do so without a hint that the therapeutic advances demanded interpretation in a pharmaceutical department—no suggestion, that is, apart from a passing mention that in 1834 and for some period thereafter "the dispensary and stewards' rooms" were in the same position under the wards in the west wing as the kitchen occupied in the east. In the hospital's "longer period of floundering," possibly enough, when the medicinal treatment, for example, of cholera was "calomel 4 grains, opium one grain and a stimulating draft composed of brandy, 2 oz., powdered ginger, 10 gr., oil of cajeput, 4 drops, to be made hot with boiling water and to be repeated in an hour if necessary," the importance of the pharmacist may not have been great. But in the much shorter period of triumphant achievement, when "chemotherapy has advanced far beyond its earlier promise, leaving Prontosil almost as obsolete as oil of puppies; the antibiotics, with penicillin in the vanguard, have come; . . . pharmacology has become scientific," surely the pharmacist and his department merit mention. Perhaps that aspect may provide material for a supplementary history. In the meantime, what Mr. Langdon Davies has provided is work to absorb the interest, as it must command the attention, of all who take pride in the country's health services and seek to know how they came to be what they are.

AMERICAN APPROVED REMEDIES

THE following preparations have been accepted by the American Medical Association's Council on Pharmacy and Chemistry for inclusion in its list of "New and Non-official Remedies":—

TABLETS ORADIOL 0.02 and 0.05 mgm.—ethynodiol diol. Makers: Vanpelt & Brown, Inc., Richmond, Virginia.

TABLETS HORMESTRAL, 1.25 mgm.—conjugated mixed oestrogens from the urine of pregnant mares. Makers: E. S. Miller Laboratories, Inc., Los Angeles, California.

EVANS BLUE.—Tetra sodium salt of 4:4'-bis[7-(1-amino-8-hydroxy-2:4-disulpho) naphthylazo]-3:3'-bitolyl, used as an intravenous diagnostic agent for the colorimetric determination of blood volume. Ampoules containing 5 mils of 0.5 per cent. aqueous solution. Makers: William R. Warner, Division of Warner-Hudnut, Inc., New York.

BASIC ALUMINIUM CARBONATE.—An aluminium hydroxide-carbonate complex. Used as an antacid and to reduce the concentration and precipitation of urinary phosphate. Issued in 360-mil bottles, as a flavoured aqueous suspension containing the equivalent of 4.9-5.3 per cent. of aluminium oxide and not less than 2.4 per cent. of carbon dioxide, under the name SUSPENSION BASALJEL by Wyeth, Inc., Philadelphia.

MISCELLANEOUS INQUIRIES

Nicotine Stains

What is the best method of removing nicotine stains from the fingers?—G.L.D. (15/12).

NICOTINE stains may be removed with a 25 per cent. solution of sodium sulphite or a solution containing 10 per cent. of citric acid and 5 per cent. of glycerin.

Face Pack

Have you a formula for a face pack containing kaolin?—P.N.G. (9/12).

A SUITABLE basic formula is as follows:—

Tragacanth	1 gm.
Water	50 mils
Alcohol	2 mils
Colloidal kaolin	47 gm.
Preservative	q.s.

Rust Prevention

I understand that sodium benzoate has been used for rust prevention.

How is it used?—A.S. (20/8).

WORK done at the Chemical Research Laboratory at Teddington and elsewhere has shown that sodium benzoate exerts a marked rust-preventing action. Normally, immersion of the object in a 1½ per cent. solution has been found effective. It is not necessary to dry the object on removal.

Dressing on a Machine Belt

Is it possible to apply dressing to a machine belt without risk to the worker?—M.A. (3/12).

IT is contrary to the Factories Act to apply dressing to a machine belt that is in motion, although there are some who contend that it can be done with perfect safety if the dressing is applied on the outside of the belt face that is running away from the pulley. In that way the worker runs no risk of having his arm caught on the belt and carried between it and the pulley. A liquid dressing can be squirted or sprayed on.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable.

TELEPAQUE

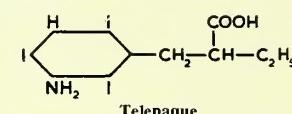
MANUFACTURER: Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2.

DESCRIPTION: 3-(3-amino-2, 4, 6-triiodophenyl)-2-ethyl propanoic acid. An x-ray contrast medium for cholecystography containing approximately 66 per cent. iodine.

USE: Six tablets (see below) to be swallowed whole. They should be taken at night after a fat-free meal and about twelve hours before the examination. No other food is to be taken prior to the examination.

HOW SUPPLIED: In box of six envelopes each holding six tablets each of which contains 0.5 gm. Telepaque.

FIRST ISSUED: November 1952.



ARTANE ELIXIR

MANUFACTURER: Lederle Laboratories division, Cyanamid Products, Ltd., North West Wing, Bush House, Aldwych, London, W.C.2.

DESCRIPTION: A presentation in a flavoured liquid form of trihexyphenidyl (3-(1-piperidyl)-1-phenyl-1-cyclohexyl-1-propanol hydrochloride. Each teaspoonful (4 c.c.) contains 2 mgm. of active ingredient.

INDICATIONS: As an antispasmodic for the treatment of all forms of Parkinsonism.

DOSAGE: Initially one teaspoonful the first day, increasing by one teaspoonful daily until three to four teaspoons are being given, divided into three doses per day, taken with meals.

HOW SUPPLIED: In bottles of 16 fl. oz.

FIRST ISSUED: December 1952.

ACUDEX

MANUFACTURER: Genatosan, Ltd., Loughborough, Leics.

DESCRIPTION: A lotion containing: Mercuric chloride, 0.025 per cent., aluminium chloride, 0.425 per cent.; hamamelis water, 2 per cent. in normal saline.

INDICATIONS: For the acute stage of the eczema dermatitis group of skin lesions, seborrhoea, varicose ulcers, boils, burns and sunburn.

HOW SUPPLIED: In bottle containing 8 fl. oz.

FIRST ISSUED: November 1952.

NOTES: As the preparation contains mercury prolonged application to raw areas may induce minor systemic upsets.

WHOOPING COUGH VACCINE (Lister Institute)

MANUFACTURER AND DISTRIBUTOR: Prepared at the Lister Institute of Preventive Medicine, Elstree, Herts, and marketed by Allen & Hanburys, Ltd., London, E.2.

DESCRIPTION: A vaccine contains 20,000 million *Hemophilus pertussis* per ml with 1 in 10,000 thiomersalate added as a preservative.

INDICATIONS: For the prophylaxis of whooping cough in young children.

DOSAGE: Three doses of 1 mil should be given at intervals of one month. A booster dose of 1 mil may be given before the child commences school.

HOW SUPPLIED: In rubber capped vials of three and twenty-five mils.

FIRST ISSUED: November 1952.

3-METHYL-PENTYNE-OL-3

BRAND NAMES: OBLIVON* and SOMNESIN*.

MANUFACTURERS: British Schering, Ltd., Kensington High Street, London, W.8 (Oblivon), and The British Drug Houses, Ltd., Graham Street, City Road, London, N.1 (Somnesin).

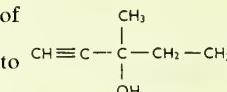
INDICATIONS: As a hypnotic whenever the induction of sleep is required.

DOSAGE: 500 mgm. is normally effective within fifteen to thirty minutes.

HOW SUPPLIED: Oblivon in containers of twenty-five and 100 soft-gelatin capsules each containing 250 mgm. Somnesin in containers of twenty and 100 soft-gelatin capsules each containing 250 mgm.

FIRST ISSUED: November 6, 1952 (Oblivon), and November 19, 1952 (Somnesin).

REFERENCES: Allen and Krongold, *Quarterly Bulletin of Sea View Hospital*, 1951; Margolin, Perlman, Villani and McGavack, *Science*, 1951; Hirsh and Orsinger, *American Practical Digest of Treatment* 1952; Chevalley, *New York State Journal of Medicine*, 1952.



DELKADON

MANUFACTURER: Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION AND FORMULA: Sugar-coated tablets each containing: Hyosciamine hydrobromide, 0.225 mgm.; atropine sulphate, 0.019 mgm.; scopolamine hydrobromide, 0.006 mgm.; Delvinal vinbarbitone (5-ethyl-5-(1-methyl-1-butyl) barbituric acid), 30 mgm.

INDICATIONS: Spastic constipation; diarrhoea; colon spasm and non-specific ulcerative colitis; peptic ulcer; dysmenorrhoea; travel sickness.

DOSAGE: Average: One or two tablets three times daily.

HOW PACKED: In bottle of 100 tablets.

FIRST ISSUED: September 1952.

DEXTRAVEN

MANUFACTURER: Benger Laboratories, Ltd., Holmes Chapel, Ches.

DESCRIPTION: A fraction of dextran containing the maximum amount of material within the optimal range of molecular weight.

INDICATIONS: 6 per cent. Dextransolutions (see below) are indicated in the treatment of blood-volume depletion such as that associated with shock. 10 per cent. Dextransolutions (see below) is indicated in the treatment of conditions characterised by local or generalised oedema (e.g., nephrotic oedema or toxæmia of pregnancy).

DOSAGE: Depends on severity of condition.

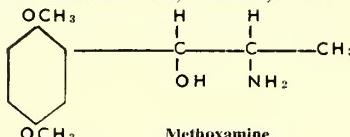
HOW SUPPLIED: In standard transfusion bottles each containing 540 mils, in the following sterile pyrogen-free solutions: (1) 6 per cent. in isotonic saline; (2) 6 per cent. in 5 per cent. glucose; (3) 10 per cent. in 5 per cent. glucose.

FIRST ISSUED: November 1952.

VASYLOX

MANUFACTURER: Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1.

DESCRIPTION: A stabilised isotonic buffered solution (pH 5.5-6) containing 0.25 per cent. of β -hydroxy- β -(2:5-dimethoxyphenyl) isopropylamine hydrochloride (methoxamine hydrochloride), a sympathomimetic amine.



INDICATIONS: The common cold and most forms of rhinitis.

USE: Applied intranasally by dropper or atomiser.

HOW SUPPLIED: In bottle of $\frac{1}{2}$ fl. oz. with separate dropper.

FIRST ISSUED: November 1952.

NOTES: The active ingredient has no central stimulation effect.

REFERENCES: Hjort, Randall and de Beer. *J. Pharmacol.* 1948, 92, 283.

DISTAVONE

MANUFACTURER: The Distillers Co. (Biochemicals), Ltd., Speke, Liverpool, 19.

DISTRIBUTORS: Allen & Hanburys, Ltd., London, E.2, The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, Evans Medical Supplies, Ltd., Speke, Liverpool, 19, Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex.

DESCRIPTION: A mixture of procaine penicillin G, potassium penicillin G and dihydrostreptomycin sulphate with buffering and suspending agents.

INDICATIONS: Infections in which the causative organism cannot be readily identified. There is no justification for its use in conditions that respond to penicillin or dihydrostreptomycin alone. Distavone should not be used for long-term therapy, or in patients suffering from tuberculosis.

DOSAGE: The contents of a vial (see below) as the usual adult dose, intramuscularly only. Dosage should be related to the schedule advocated for dihydrostreptomycin.

HOW SUPPLIED: In box of five single-dose vials containing 300,000 units procaine penicillin G, 100,000 units potassium penicillin G and 500,000 units (equivalent to 0.5 gm. pure base) dihydrostreptomycin sulphate.

NOTES: The dry preparation is stable for two years if stored in a cool dry place. A sterile suspension will retain its potency for seven days at room temperature (21°C.), and for fourteen days if kept in a refrigerator (4°C.).

FIRST ISSUED: November 1952.

*Cross references for card index:

OBLIVON: See 3-METHYL-PENTYNE-OL-3.

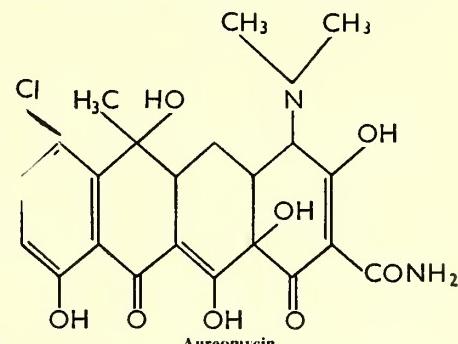
SOMNESIN: See 3-METHYL-PENTYNE-OL-3.

DEVELOPMENTS IN UNITED STATES

BY AN AMERICAN CORRESPONDENT

Structure of Aureomycin

FOLLOWING nearly four years of research work, chemists at the Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York, U.S.A., have derived the structural formula of aureomycin. Accord-



ing to the Lederle research team, the most gratifying feature of the aureomycin molecule is the high oxygen content. That aids in increasing the solubility of the drug in body fluids and makes it possible for the body to oxidise the compound, thus preventing the possibility of chronic toxicities. Its amphoteric nature also plays an important rôle in its solubility and consequently in its rapid transportation to the infected areas in the body. The molecular structure bears a marked resemblance to that of terramycin (*C. & D.*, 1952, II, 601). A significant difference is the possession of a chlorine atom on the first ring structure (see above).

Progress with Pyrethrum Substitute

In a report on the first full year of commercial production of allethrin, a pyrethrum-type insecticide first synthesised by American Government chemists in 1949, the U.S. Department of Agriculture states that manufacturers marketed between 50 to 60 thousand pounds of the product. During the past year some 12 million aerosol dispensers containing the compound were bought by U.S. Government agencies and the American public, and the amount produced was equivalent to about half of the pyrethrum imported. Allethrin had proved itself a successful substitute, and in many cases a replacement for pyrethrum.

New Fungicide

A new industrial fungicide for wood, textiles, paper and other organic materials has been announced by the Hercules Powder Company, Wilmington, Delaware. The new preservative, Rosin Amine D pentachlorophenate, is a reaction product of pentachlorophenol and Rosin Amine D, a primary amine made by Messrs. Hercules.

New Anticoagulant Antidote

A preparation of pure vitamin K₁ has been made available by Merck & Co., Inc., Rahway, New Jersey, for counteracting the effect of overdosage with anticoagulants.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

LONDON, DECEMBER 31: The markets look forward with confidence to better trading conditions in 1953 than in 1952. At the beginning of last year it was universally believed that most commodities had reached their peak prices, and falls were imminent. That forecast proved to be correct in many instances. The knowledge that the stocks accumulated after the Korean war began are now depleted gives hope for a bigger volume of trade in the near future. It is, however, realised that competition during the coming year in home and overseas markets will be keener than ever, particularly with chemicals.

Prices of PHARMACEUTICALS and FINE CHEMICALS are generally unchanged. The bulk price for light MAGNESIUM CARBONATE, B.P., has been slightly eased by the manufacturers, but not sufficient to make any difference for small lots. DIMETHYL PHTHALATE and DIETHYL PHTHALATE are reduced by twopence-halfpenny and two-pence per lb. respectively.

Under an order (S.I., 1952, No. 2186) made by the Ministry of Supply on December 17, 1952, ZINC is free from distribution control from January 1.

The International Materials Conference is to continue allocating crude SULPHUR in the first quarter of 1953, despite a substantial improvement in the sulphur position in the past six months. The Committee considered that the improvement might be only temporary because the requirement figures for individual countries were based on a continuation of restrictions on the use of sulphur as such, and thus might not reflect a true estimate of world demand. The improvement in supplies was attributed by the Conference to an increase in production and a reduction in demand. The latter was caused by a lower level of industrial activity in many countries than had been anticipated, increased use of sulphur bearing materials, and various conservation measures. Export availabilities and import requirements for the first quarter of 1953 are approximately in balance. Total allocations of crude sulphur fixed by the Conference for the first quarter of 1953 amount to 1,675,100 long tons.

EXCHANGE RATES ON LONDON

At the opening on Wednesday

Alexandria ..	Piastras to £	97½-97½
Amsterdam ..	Florins to £	10.56-10.72
*Bombay ..	Shillings to rupee ..	1/51½-1/6½
Brussels ..	Francs to £	139-141
Copenhagen ..	Kroner to £	19.20-19.48
Dutch West Indies ..	Florins to £	5.24-5.32
Hong Kong ..	Shillings to \$	1/23½-1/3
*Karachi ..	Shillings to rupee ..	2/13½-2/13½
Lisbon	Escudos to £	79.90-81.10
*Montreal T.T.	Dollars to £	2.72½-2.72½
New York T.T.	Dollars to £	2.78-2.82
Oslo	Kroner to £	19.85-20.15
Paris	Francs to £	972-988
Stockholm ..	Kronor to £	14.37-14.60
Singapore ..	Shillings to \$	2/31½-2/4½
Zurich	Francs to £	12.14-12.35

*Free market rates; remainder: Bank of England.

The following prices are ruling in New York:

Acetone	Cents per lb.	8.50-10.50
Campho., synthetic		57.00
Glycerin, pure		44.50
Guaiacum resin		31.62-32.90
Hexamine		23.25
Magnesia, calcined		32.00-32.75
DDT		26.00-30.00
Sodium bromide		34.00-35.90
Iodine, resublimed	Dollars per lb.	2.55-2.78
Menthol		5.00
Sulphanilamide		1.30-1.50
Theobromine		3.75
	Dollars per oz.	
Emetine hydrochloride		35.00-42.85
Atropine		9.35-10.50
Nicotinamide		12.00-12.30 per kilo
Streptomycin		21 cents per gm.
Penicillin, procaine		10.00-11.00 cents per 1 million units
bulk 500 to 5,000 million unit lots		

Pharmaceutical Chemicals

AMMONIUM CHLORIDE, B.P. — Makers quote 1-cwt. lots at 61s. 6d.

AMYLOBARBITONE. — B.P.C. is 65s. per lb. for 1-cwt. lots and SODIUM, B.P.C., 70s. per lb.

ANTIMONY SALTS.—Quotations for POTASSIUM TARTRATE, B.P., are 7s. 6d. per lb. for 1-10-cwt. and SODIUM TARTRATE, B.P., 13s. 3d.

ASPIRIN. — Prices are as follows:—5-cwt. lots, 4s. 9d. per lb.; 1-cwt., 4s. 9½d.; 28-lb., and under 1-cwt., from 5s. 7d. to 6s., according to pack. Rates per 1,000 for TABLETS are as follows:—5,000, 5s.; 5,000 and over, 4s. 10d.; 10,000, 4s. 9d.; 25,000, 4s. 7d.; 100,000, 4s. 5d.; 250,000, 4s. 4½d.; 1 million, 4s. 3d.

BARBITONE.—Rates per lb. are: 1-cwt. lots, 34s.; 28-lb., 35s. The SODIUM derivative is 1s. per lb. more than the ba e.

BENZOIC ACID.—1-cwt. lots are 3s. 0½d. per lb. The SODIUM SALT is 2s. 10½d. per lb. in 1-cwt. lots.

BUTOBARBITONE.—B.P.C. is 75s. per lb. in 1-cwt. lots.

CRESOL.—Price of B.P. quality from distillers is 7s. 9d. per gall. in 5-gall. lots.

DEXTOSE, B.P.—Rates are as follows:

	MONOHYDRATE	1-4 cwt.	5-cwt.
1-lb. carton ...	12s.	9d. doz.	—
1-lb. carton ...	23s.	6d. doz.	—
7-lb. tin ...	13s.	3d. each	12s. 3d.
14-lb. tin ...	25s.	0d. each	23s. 6d.
28-lb. tin ...	47s.	0d. each	45s. 0d.
Above, less 12½ per cent. to wholesalers, delivered.			
In bulk ...	£127	per ton, ex works or store, for minimum 1-ton lots.	

	ANHYDROUS	1-4 cwt.	5-cwt.
7-lb. tin ...	13s.	9d. each	12s. 9d.
14-lb. tin ...	26s.	0d. each	24s. 6d.
28-lb. tin ...	49s.	0d. each	47s. 0d.
Above, less 12½ per cent. to wholesalers, delivered.			
In bulk ...	£132	per ton, ex works, for minimum 1-ton lots.	

HEXOBARBITONE. — B.P. in 1-cwt. lots is 70s. per lb.

LACTATES.—CALCIUM, B.P., is 2s. 10½d. per lb. in 1-cwt. lots; 28-lb., 3s. 2½d.; 7-lb., 3s. 6½d. per lb. CALCIUM SODIUM,

UNITED STATES DRUG AND CHEMICAL REPORT

NEW YORK, DECEMBER 30: Shipments of heavy chemicals were lower last week, reflecting the holiday influence and the desire of consumers to keep stocks low for inventory reasons. The big problem for the industry in 1953, it is emphasised, will be that of lowering manufacturing and distribution costs wherever possible to meet the intense competition resulting from an ample supply of most chemicals. MERCURY was quoted nominally at \$217-220 per flask (against \$215-217 previously). Production of ZINC OXIDE during October rose 9 per cent. to 15,979 short tons or the highest rate of output since November 1951. Total stocks at producers' plants gained 2 per cent. to 18,701 tons on October 31, 1952.

The prices of refined GLYCERIN were raised again last week — the second advance in the past six weeks, bringing the USP, CP type to 44 cents per lb., up five cents. The price of SULPHAGUANIDIN, USP, was reduced 50 cents per lb. to \$4.00 for quantities of 1,000 lb. and over. BENZYL BENZOATE is now 72 cents per lb. (down 8 cents). PERU BALM at \$1.35 was up five cents per lb. but COPAIBA PALSAM at 90 cents was down 5 cents. In the ESSENTIAL OILS market DILLWEED is in tight supply at \$4.25. Lower per lb. are: Italian BERGAMOT at \$11.75 (down \$1); Californian and Floridian ORANGE at 75 cents (15 cents); and Bois de ROSE \$3.35 (15 cents). Imports of CITRONELLA from Formosa, Guatemala and Indonesia were expected to reach a record level.

B.P.C. for the same quantities is 4s. 6½d., 4s. 10½d. and 5s. 2½d. per lb. LACTIC ACID, B.P., in 12 winchester lots is 4s., and 3 winchesters, 4s. 4d. per lb. Carboys are 3s. 9d. per lb.

MAGNESIUM CARBONATE, B.P. — Bulk rates in 1-ton lots are:—LIGHT, 12s. per cwt.; HEAVY, 15s. per cwt.

MAGNESIUM SULPHATE.—Quotations for B.P. in minimum 1-ton lots vary between £17 10s. and £20 per ton, according to size of crystal and manufacturer. Excise-rated is £34 per ton.

OPIATES.—Home-trade rates (per oz.) for quantities of 5 oz. and upwards are as follows:—CODEINE.—Alkaloid, hydrobromide, iodide, 54s. 8d.; hydrochloride and sulphate, 47s. 8d.; phosphate, 41s. 4d. DIAMORPHINE.—Alkaloid, 56s., hydrochloride, 51s. ETHYL MORPHINE.—Alkaloid, 59s.; hydrochloride, 50s. 4d. MORPHINE.—Alkaloid, bimeconate and tartrate, 57s.; acetate, hydrochloride, hydrobromide and sulphate, 47s.

POTASSIUM CHLORIDE. — In 1-cwt. lots B.P. is 1s. 6d. per lb.

POTASSIUM NITRATE. — Pharmacopœial quality is 145s. per cwt. (crystal, granular or powder) and commercial, 90s.

ROCHELLE SALT.—Rates (per cwt.) for powder or granulated material are as follows: In 5-cwt. lots or over, 200s. per cwt.; 1-cwt., 202s. 6d. SEIDLITZ POWDER, ordinary strength is 158s. 3d. per cwt. in 1-cwt. lots; smalls, from 1s. 11d. per lb. Extra-strong is 170s. 9d. per cwt., and 2s. for small quantities. Double-strength is 178s. per cwt.

SODIUM SULPHATE.—Maker's prices are from £10 10s. to £15 10s. per ton as to quantity for B.P. crystals.

TARTARIC ACID.—Rates for the home trade are as follows:—10-cwt. lots, 230s. per cwt.; 5-9-cwt., 232s.; 2-4-cwt., 234s.; 1-cwt., 235s.

TEREBINTH.—B.P. is 2s. 3d. per lb. for carboy lots.

TRIETHANOLAMINE. — Commercial grade is about 2s. 8d. per lb. for drum lots, ex warehouse.

Crude Drugs

ACONITE.—Spanish *napellus* is 3s. 6d. per lb., duty paid, ex wharf.

AGAR.—Kobé No. 1 on the spot is now about 18s. per lb.

ALOES. — Prime Cape is unchanged forward at about 157s. 6d. per cwt., c.i.f., spot is offered at 175s. Curaçao is 320s. per cwt., c.i.f., and 350s. spot.

ANTIMONY. — English, 99.6 per cent. £237 10s.; 99 per cent., £225 per ton.

ASAFOETIDA.—Persian block is £15 per cwt., duty paid.

BALSAMS.—*Canada*: Spot is about 26s. per lb. for clear bright, paper-filtered. *Copaiba*: Para, spot is 12s. 6d. per lb., duty paid. Peru is 11s. 6d. per lb., duty paid. *Tolu* (genuine as imported) on the spot is 21s. 6d. per lb., in original cases and for shipment, 19s., c.i.f.

BISMUTH. — In minimum 5-cwt. lots METAL is 17s. per lb.

BUCHU. — Unchanged. Round leaves are offered at 2s. per lb., on the spot.

CAMPHOR. — Chinese (B.P.) powder on the spot is 3s. 6d. duty paid; ½-oz. tablets are quoted at 5s. 9d. per lb., duty paid; 2½-lb. slabs, 4s. 9d. per lb., duty paid.

CASCARA SAGRADA. — American bark, 1951 peel, is 325s. per cwt., duty paid. New crop, for shipment, is 300s., c.i.f.

CHERRY BARK. — Thin natural is from 1s. 10d. per lb., duty paid, and rossed, 2s. 2d. on the spot.

CINNAMON. — Ceylon for shipment (c.i.f.); OOOO, 2s. 5d.; OOO, 2s. 3d.;

OO, 2s. 2d.; O, 2s. 1d.; firsts, 1s. 8½d.; seconds, 1s. 7½d.; thirds, 1s. 7½d.; quillings, 1s. 2½d.; featherings, 10½d.; chips, 6d. per lb.

CINCHONA. — Parcels of San Thorne, thin to coarse broken quills, testing 7.26 are offered at 1s. 9d. per lb., and British East African chips testing 5.07 at 1s. per lb.

COCILLANA. — Bark is 1s. 9d. per lb., spot.

COLCHICUM.—Coms on spot are offering at 2s. 3d. per lb., and seeds, 6s.

COLOCYNTH.—Pulp on the spot is 1s. 9d. per lb., duty paid.

ERGOT.—Offers of Portuguese are about 14s. 9d. per lb., c.i.f.

GUM ACACIA. — Kordofan cleaned sorts on the spot are 94s. per cwt.; February-March 1953 shipment, 84s., c.i.f.

HENNA.—Indian green leaves are about 72s. 6d. per cwt. on the spot, and 70s. c.i.f., forward. Egyptian is 100s., spot.

IPECACUANHA.—Nicaraguan for shipment is 41s. 6d. per lb., c.i.f. Colombian, 39s., c.i.f. Spot quotations are: Nicaraguan, 44s., Colombian, 44s.

KARAYA.—No. 1 gum on the spot is about 220s. per cwt.; No. 2, 165s.; No. 1, for shipment is 185s., c.i.f.

KOLA NUTS.—African halves are available on the spot at 4½d. per lb., 3½d., c.i.f., for shipment.

LIQUORICE.—Natural whole root, spot: Anatolian, 55s. per cwt.; Russian, 50s.; Syrian, 40s. to 42s. 6d. Block juice quotations are from 180s. upwards, according to holder, duty paid. Turkish stick is 240s. per cwt., duty paid; Italian stick, 475s. per cwt., duty paid.

MASTIC.—Quotations for tears (No. 2) are from 11s. 9d. per lb., spot.

MENTHOL. — Brazilian is 44s. per lb. Chinese, 57s. 6d., both duty paid on the spot. Shipment: Brazilian, 41s.; Chinese, 51s., both c.i.f.

MERCURY.—Nominal spot value is £71 per flask, ex warehouse.

MYRRH.—Aden selected sorts are quoted at £16 per cwt. on the spot. Siftings are from £7 10s. to £8 10s., and granulated, £13.

NUTMEGS. — West Indian 80's quoted at 3s. per lb. on the spot and 2s. 6½d., c.i.f., for shipment.

ORRIS ROOT. — Offers of good quality Florentine are now 155s. per cwt., ex warehouse.

PAPAIN.—East African, grade 1 is 40s. per lb.; Ceylon white, 42s. 6d. and sundried, 36s., on the spot.

RHUBARB.—Quiet. Shensi is 11s. 6d. per lb.; Double Deer No. 1, 7s. 6d.; other grades of Chinese rough round at from 3s. 9d. to 6s., all duty paid.

SEEDS.—ANISE.—Steady, unchanged. Spot: Turkish, 147s. 6d. per cwt., duty paid, and 135s., in bond; Cyprus, to arrive, 150s., landed. CARAWAY.—Dutch of little interest at 92s. 6d. per cwt., duty paid.

CELERY.—Very small demand. Indian on spot is worth 1s. 10½d. per lb.

CORIANDER.—Very little interest has been shown during the past week; forward market has eased to 30s. per cwt., c.i.f., London, January shipment from Morocco.

Spot: English is 70s.; Morocco, 35s., duty paid. CUMIN.—Quiet. Spot: Cyprus, 150s. per cwt.; Indian, 180s.; Morocco, 155s., duty paid. DILL.—Indian continues to be offered at 80s. per cwt., spot London. FENNEL.—Firm. Indian on spot is 220s. per cwt.; mid-European, 185s., duty paid.

FENUGREEK.—Firm. Spot: Morocco is 44s. per cwt., duty paid, in London. Shipment is quoted at 39s., c.i.f. basis, London. MUSTARD.—English, 80s. to 95s. per cwt., according to quality.

SENNA. — *Tinnevelly* LEAVES: Prime No. 1 on the spot are 1s. 6d. per lb.; Prime No. 2, 1s. 3d.; Prime No. 3, 11d.; f.a.q., 10d. PODS, f.a.q., from 1s. 2d. to 1s. 4d.; hand-picked range from 2s. 6d. to 3s., ex wharf. *Alexandria* PODS, manufacturing, 1s. 10d. to 2s. 3d.; hand-picked, 3s. to 6s.

SHELLAC. — Quiet. Spot quotations are:—F.O.T.N., pure, 172s. 6d.; F.O. standard No. 1, 185s.; fine orange, 210s. to 260s. per cwt., ex-London warehouse.

SQUILL. — Italian white new-crop is offered from origin at 55s. per cwt., c.i.f. London. Spot is from 60s. per cwt.

STROPHANTHUS. — *Kombé*, 100 per cent. is quoted at 16s. per lb., on the spot, and *Gratus*, 25s. per lb.

STYRAX.—Spot is 6s. per lb., duty paid.

TRAGACANTH.—Unchanged. No 1 ribbon on the spot is £130 per cwt.; No. 2, £110; No. 3, £80.

VANILLIN.—Present rates (per lb.) are as follows:—5-cwt. lots, 35s.; 1-cwt., 35s. 3d.; 56-lb., 35s. 6d.; smaller quantities, 35s. 9d.

WAXES.—BEES'.—Dar-es-Salaam, spot, 425s. per cwt., March-April shipment, 375s., nominal. Sudanese for shipment, 370s., Benguella, 365s., and Abyssinian, 370s., all c.i.f., basis. CANDELILLA.—Spot is 645s. per cwt. CARNAUBA.—Prime yellow, spot, 1,220s. per cwt.; shipment, 1,150s., c.i.f.; fatty grey, spot, 870s. per cwt., 860s., c.i.f., nominal. MONTAN.—Rebeck crude on the spot is 135s. per cwt. OURICURI.—Spot, 0.5 per cent. impurities, 690s. per cwt. SPERMACETI.—Case lots are 2s. per lb.

WITCH HAZEL.—Leaves on the spot are from 1s. 6d. per lb.

Essential and Expressed Oils

ANISE. — Spot supplies are offered at from 7s. 3d. per lb. for original drums, and for shipment, 6s. 4½d., c.i.f.

BOIS DE ROSE.—Brazilian on the spot is 31s. 6d. per lb.

CAMPHOR, WHITE.—Chinese is 3s. 3d. per lb., on the spot.

CASTOR. — In minimum 2-ton lots the price of pharmaceutical quality for prompt delivery is £201 per ton, naked, ex mill. For February-March delivery the price is £191. FIRSTS are £195 and £185 respectively.

CEDARWOOD. — Spot quotations for African are from 5s. per lb.

CITRONELLA. — Spot prices for original drums are: Ceylon, 3s. 6d. per lb.; Formosa, 3s. 8d. in bond; Java, 4s. in bond. Forward: Ceylon, 3s. 4d.; Formosa, 3s. 5½d., and Java, 3s. 11d., all c.i.f., January shipment.

EUCALYPTUS.—Drum lots of 70 to 75 per cent. eucalyptol on the spot are 5s. 5d. per lb., and 80 to 85 per cent., 5s. 3d.

GERANIUM. — Bourbon on the spot is from 74s. 6d. per lb.

LEMON.—B.P. (4 per cent. citral) on the spot is about 46s. per lb.

LEMONGRASS.—East Indian is 6s. 9d. on the spot and 6s. 4½d. per lb., c.i.f.

ORIGANUM.—In original containers the price is 14s. per lb.

OTTO OF ROSE.—Turkish is from 360s. per oz., and Bulgarian, 450s., nominal, spot.

PEPPERMINT.—*Arvensis*. Chinese oil is quoted on the spot at 33s. 6d. per lb. Brazilian is steady at 16s. Forward: Chinese, 28s. 9d.; Brazilian, 15s., both c.i.f. Italian "Mitcham" type oil, 52s. to 54s. per lb., as to quality, for original drums, delivered. Forward, 51s., c.i.f.

SAGE.—Spanish is offered at from 8s. 6d. to 9s. 6d. per lb., spot.

TRADE MARKS

From the "Trade Marks Journal,"
December 17, 1952

For agricultural and horticultural chemicals (1)
NOVADROP, 710,427, by Naamloze Vennootschap Noury & Van Der Lande's Exploitatie Maatschappij, Deventer, Holland.

For hair oil (3)
ROWLANDS, ROWLAND'S, 705,629-30, by A. Rowland & Sons, Ltd., London, S.W.1.

For non-medicated toilet preparations containing oil for the hair (3)
CALLINOIL, 709,573, by Callinan, Giles & Co., Ltd., London, W.1

For non-saponaceous cleaning preparations (3)
DYLON, 711,112, by Mayborn Products, Ltd., London, S.E.26.

For adhesives for securing dental plates (3)
STERADENT, 712,167, by Reckitt & Colman, Ltd., Hull.

For insecticides and fungicides (5)
VENITEX, AROTEX, 701,938-709,323, by Bayer Agriculture, Ltd., London, S.W.1.

For pharmaceutical preparations (5)
BIOSULFA, KAOPECTATE, B709,248-52, by Upjohn of England, Ltd., London, E.C.2.
STROPHINOS, 709,290, by Solco Société de Laboratoires Chimiques, S.A., Basle, Switzerland.
FLAVOTEBEN, 710,049, by Farbenfabriken Bayer, Leverkusen, Germany.
VAL-SED, 710,894, by Unichem, Ltd., London, S.W.17.

For all goods (5)
LIPOMUL, SUGRACILLIN, 709,253-57, by Upjohn of England, Ltd., London, E.C.2.

For injectable pharmaceutical preparations containing amines (5)
LEKAMIN, 709,308, by the Crookes Laboratories, Ltd., London, N.W.10.

For pharmaceutical, veterinary and sanitary substances, medical and surgical plasters and bandaging material (5)
NOVADROP, 710,428, by Naamloze Vennootschap Noury & Van der Lande's Exploitatie Maatschappij, Deventer, Holland.

For ointments (5)
BURBLAIN, 712,016, by Frederick William Griffiths and Elizabeth Gwendolyn Griffiths, Chadwell Heath.

For sanitary substances (5)
MARSTOSAN, 712,166, by Marston Caravans, Ltd., London, N.15.

For photographic apparatus and instruments, (9)

Device of coronet, 711,766, by Coronet, Ltd., Birmingham.

For bathing caps (25)
TYPHOON, 711,860, by E. T. Skinner & Co., Ltd., London, W.9.

For hair grips and curlers (26)
PERMA, B710,804, by George Goodman, Ltd., Birmingham.

From the "Trade Marks Journal,"
December 24, 1952

For sensitised films for use in photography (1).
DUFAY, 703,623, by Dufay, Ltd., London, S.W.1.

For non-medicated toilet preparations (3).
DITTOLITH, 704,954, by Ditto, Inc., Chicago, U.S.A.
VISIO-KLEAR, 709,103, by L. Lechner (London), Ltd., London, S.W.2.
CALLINATE, 709,572, by Callinan, Giles & Co., Ltd., London, W.1.
BRISTOWS, 712,350, by T. F. Bristow & Co., Ltd., London, S.W.1.

For non-medicated toilet preparations for the hair (3).

BLENSOL, 706,749, by Rapido Distributing Corp., New York, U.S.A.

For dentifrices (3).
TATACIDE, 710,426, by Alexander Munro, Wellingborough.

For all goods (3).
EMPICOL, NANSA, 711,686-96, by Marchon Products, Ltd., London, W.C.2.
DURSPONOL, 712,235, by A. Ibbetson & Co., Ltd., Barking.

For soaps (3).
CROSFIELD, 711,833, by Joseph Crosfield &

Sons, Ltd., Warrington, NIRO, 712,058, by Premier Soap Co., Ltd., Hull.

For detergents (3).
UNIWASH, B712,425, by Universal Chemical Products, Ltd., Birmingham.

For insecticides and fungicides (5).
KEMREG, 708,748, by Peter Blunson Richardson, Northampton.

For antibiotics (5).
KAOMYCIN, 709,527, by Upjohn of England, Ltd., London, E.C.2

For pharmaceutical preparations (5).
METHIUM, 707,982, by Chilcott Laboratories, Inc., New Jersey, U.S.A.
TREVIDAL, 710,433, by Organon Laboratories, Ltd., London, W.C.2.
PROMIX, 711,539, by Imperial Chemical (Pharmaceuticals), Ltd., London, S.W.1.

SCOPOLADON, 711,683, by T. & H. Smith, Ltd., Edinburgh.
SEBBIX, 712,432, by Genatosan, Ltd., Loughborough.
ROBACYL, 712,488, by Farbenfabriken Bayer, Leverkusen, Germany.
CARBODON, 712,644, by Wallace Manufacturing Chemists, Ltd., London, N.W.3.

For all goods (5).
EROKYL, 710,552, by John Richardson & Co., (Leicester), Ltd., Leicester.
DURSAPO-NOL, 712,236, by A. Ibbetson & Co., Ltd., Barking.
SOMNOMED, 712,572, by Medo-Chemicals, Ltd., London, N.1.

PRINT AND

Price Lists

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), Ltd., Dagenham, Essex: Medical products. Pp. 77 + index.

THOMAS REID & SONS, Ltd., Bamyl Soapworks, Scotland Street, Glasgow, S.1: Folder, November 1952.

THOMAS MORSON & SON, Ltd., 47 Gray's Inn Road, London, W.C.1: Supplementary List of Reagent Chemicals. November 1952. Pp. 8. Rearranged in metric system.

EDWARD GURK, Ltd., 42 Upper Richmond Road, East Sheen, London, S.W.14: Biological instruments, apparatus, glassware, etc. Pp. 4.
Micromore brand organic laboratory chemicals. Pp. 4.

Medical Propaganda

MANUFACTURERS' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists:

ALLEN & HANBURYS, Ltd., Bethnal Green, London, E.2: "Sulperin" (4-p. leaflet); "Whooping Cough Vaccine, Lister" (card).

CORTIFORTE LABORATORIES, 108 Horseferry Road, Westminster, London, S.W.1: "Cortiforte D.P." (card).

BURROUGHS WELLCOME & Co., 183 Euston Road, London, N.W.1: "A Penicillin Product for Every Purpose" (blotter); "Physeptone," "Kemadrin" (4-p. leaflets).

SHARP & DOHME, Ltd., Hoddesdon, Herts: "Seminar International" (Vol. I, No. 2 of quarterly journal by the medical research division of Sharp & Dohme, Ltd.).

THE BRITISH DRUG HOUSES, Ltd., Graham Street, City Road, London, N.1: "Mepilin," "Multivite" (blotters); "Dehydrocholin, B.D.H.," "Pernivit" (4-p. leaflets).

ROCHE PRODUCTS, Ltd., Welwyn Garden City, Herts: "Roche Courier" (Vol. 18, No. 18, 1952); "Dromoran" (4-p. leaflet); "Gantresin" (blotter); "Ro-A-Vit" (6-p. folder); "Tabula Haematological" (tables 13 and 14).

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), Ltd., Dagenham, Essex: "Soneryl and Sonagin" (blotter); "Concise Information on Sulphatriad" (4-p. leaflet); "Soluseptasine and Sulthiazole" (second edition of 22-p. booklet).

GLAXO LABORATORIES, Ltd., Greenford, Middlesex: "Glaxo Presentations of Streptomycin" (card); "Intradex," "Cytamen," "Estopen," "Mylipen Cream," "Estomycin," "Cytacon," "Seclomycin," "Heptalgain" (4-p. "essential facts" cards); "Glucodin and Casilan" (desk

For veterinary preparations (5).

Circular device of owl, 711,456, by C. J. Hewlett & Son, Ltd., London, E.C.2.

For ointments and creams (5).

HEXACREAM, 711,813, by Christie, George & Co., Ltd., Farnworth.

For medicated confectionery (5).

ROLO, 711,915, by John Mackintosh & Sons, Ltd., Halifax.

For pharmaceutical preparations (5).

QUAMOL, 712,176, by Wright, Layman & Umney, Ltd., London, S.E.1.

For smelling salts (5).

BRISTOWS, 712,351, by T. F. Bristow & Co., Ltd., London, S.W.1.

For anthelmintic preparations (5).

SORUNEX, 712,549, by E. R. Squibb & Sons, Ltd., London, W.1.

For thermometers (9).

THERMINOR, 709,460, by Moorgate (Birmingham), Ltd., Birmingham.

For photographic apparatus and instruments (9).

BOLSEY, 711,110, by Bolsey Corporation of America, New York, U.S.A.

For medical and surgical atomisers (10).

DEVILBISS, 712,151, by the Aerograph Co., Ltd., London, S.E.26.

For nail-brushes and hair-brushes (21).

BRISTOWS, 712,352, by T. F. Bristow & Co., Ltd., London, S.W.1.

PUBLICITY

calendar); "Meet Seclomycin" (4-p. card); "Minadex," "Intradex" (4-p. leaflet); "Nicorbin tablets" (3 blotters).

Advertising Campaigns

STEMCO, Ltd., 128 Albert Street, London, N.W.1: Flit. National advertising and sales promotion campaign.

THOMAS KERFOOT & Co., Ltd., Vale of Bardsley, Lancs.: Vapex. In national Press throughout the winter months.

THERMOGENE Co., Ltd., Watford, Herts: Thermogene and Thermogene rub. In national Press, including half-page in *Daily Express*, January 8.

MEGGESEN & Co., Ltd., Llewellyn Street, London, S.E.16: Meggezons, and Meggezons cough syrup for eight weeks starting in January in national Press.

H. W. CARTER & Co., Ltd., Coleford, Glos: Rosena. Throughout 1953 in pharmaceutical trade, and medical and nursing Press and in periodicals read by young mothers.

EUCRYL, Ltd., Shirley, Southampton: Eucryl tooth powder with chlorophyll and dental plate fixative with chlorophyll. In *Daily Express* half-page advertisement on January 7, supported by campaign in the national Press. Eucryl white will also be advertised in *Daily Express* and national Press.

WILLS

MR. D. M. H. LEANE, M.P.S.I., The Square, Listowel, co. Kerry, left £986.

MR. E. SANDERSON, M.P.S., 37 Seagry Road, Wanstead, London, E.11, left £13,429 (£13,371 net).

MR. D. ARNOTT, M.P.S., 23 Highbury Road, St. Annes-on-Sea, Lancs. left £10,553 gross (£10,480 net).

MR. H. JOHNSTON, M.P.S.I., 19 Rugby Avenue, Belfast, left £19,598. He left £25 to the Chemists' Benevolent Fund of the Pharmaceutical Society of Northern Ireland.

SIR JACK CECIL DRUMMOND, D.Sc., F.R.S. (Director of Research, Boots, Ltd.), Spencer House, Nuthall, Notts, left £6,681 gross (£2,763 net).

FLORENCE ANNIE, Dowager Lady Trent, Villa Millbrook, St. Lawrence, Jersey (widow of the first Baron Trent, founder of Boots Pure Drug Co., Ltd.), left £7,235 in England.

MR. L. W. GWYNNE, The Hollies, Chapeltown, Sheffield (vice-chairman of the local directors of Newton Chambers & Co., Ltd., Thorncleiff), left £1,682 (£1,514 net).

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- Contains no toxic metal.
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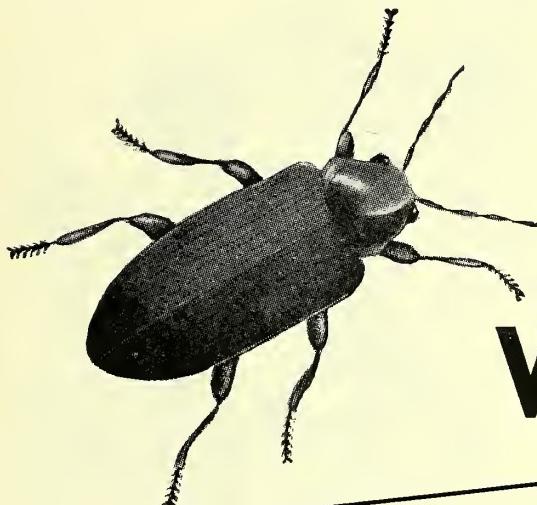
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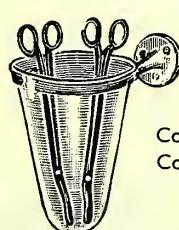
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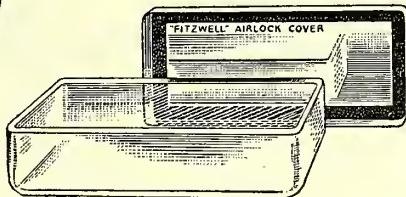
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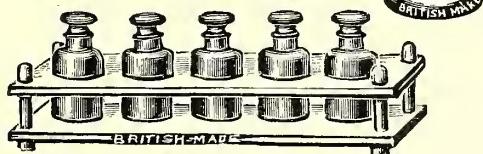


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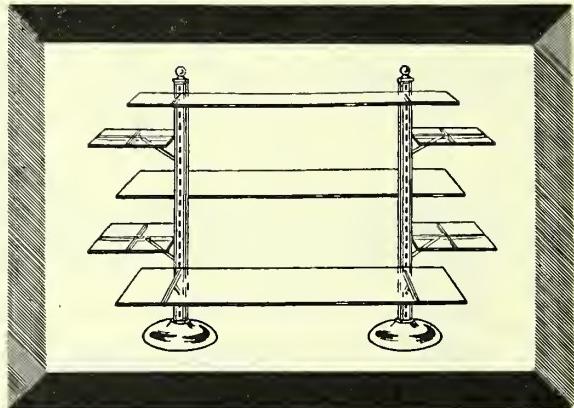
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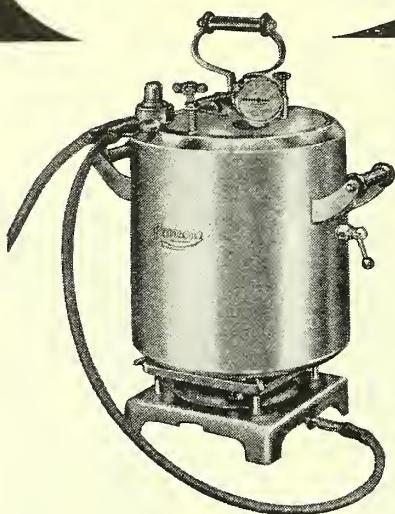
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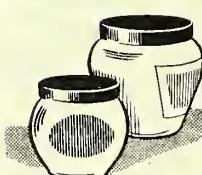
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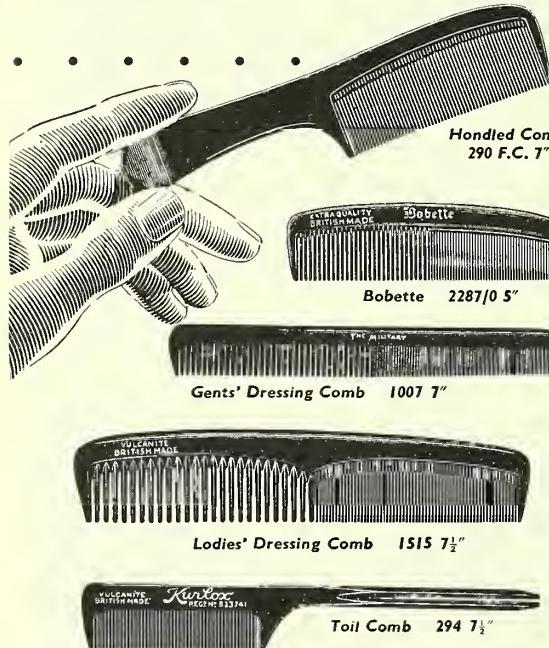
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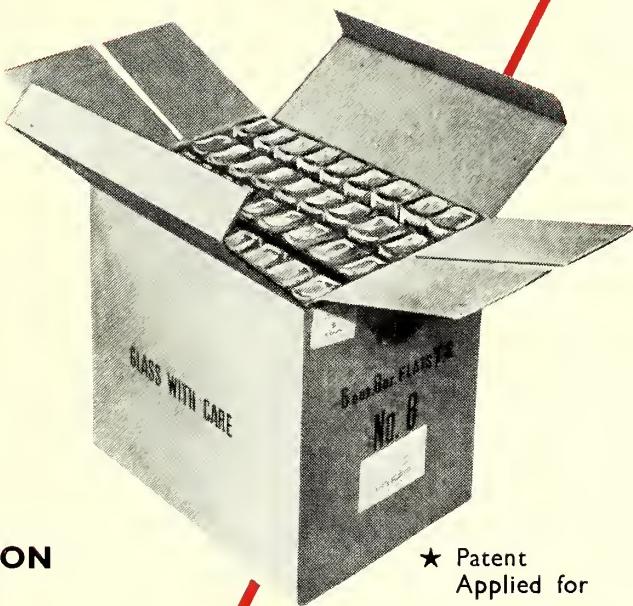
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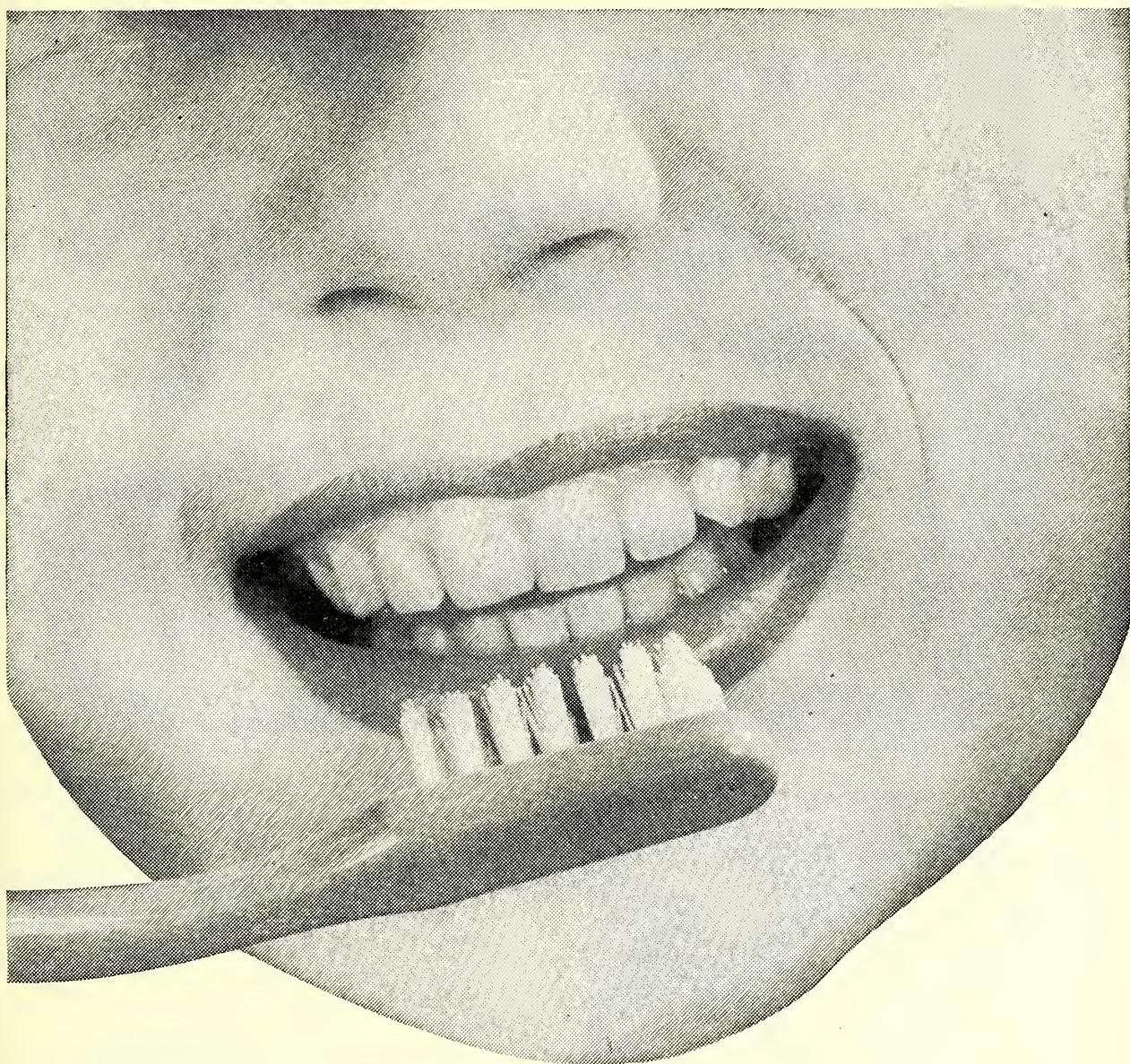
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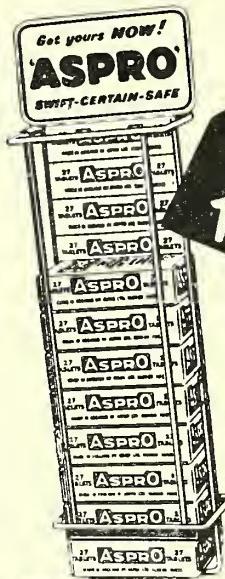
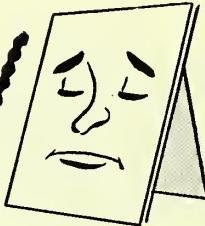
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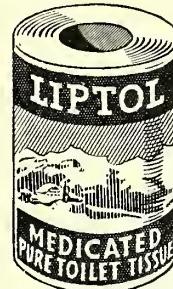
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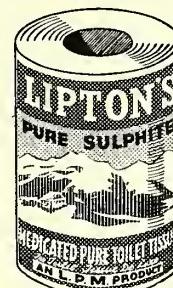


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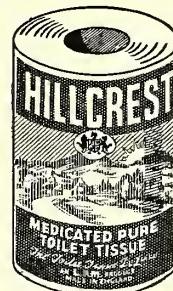
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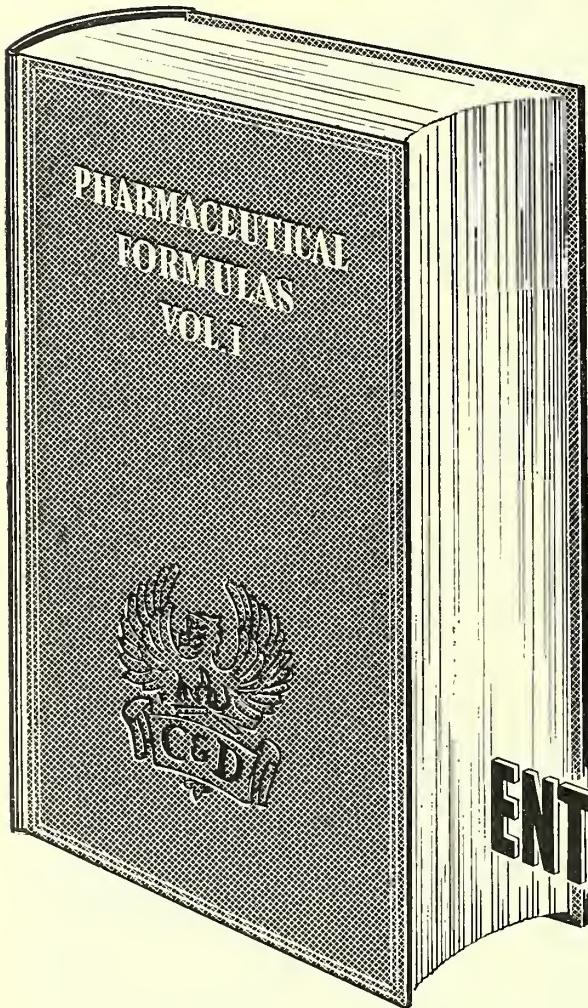
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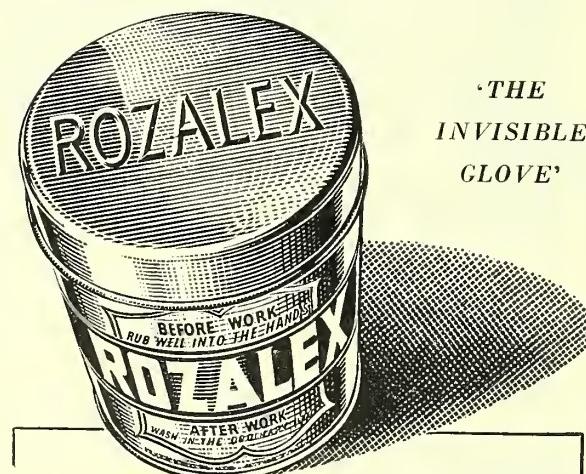
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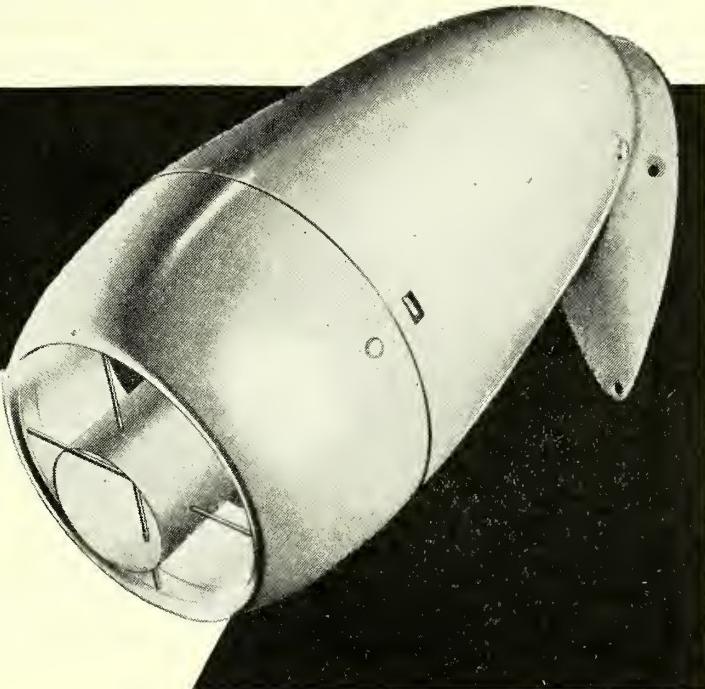
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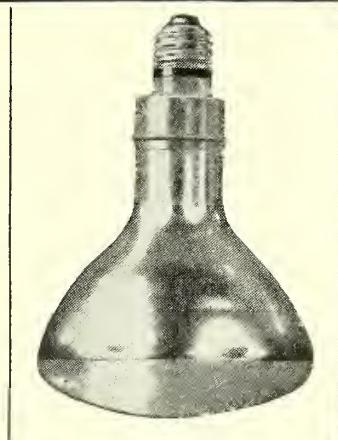
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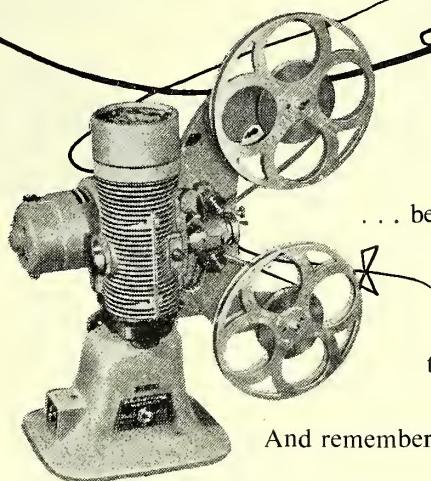
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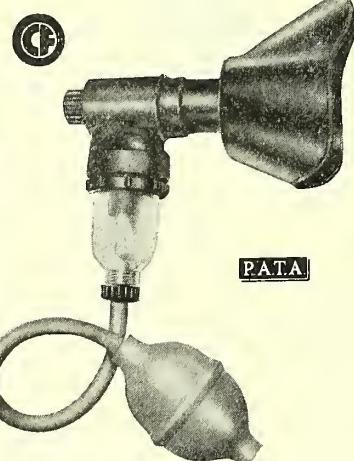
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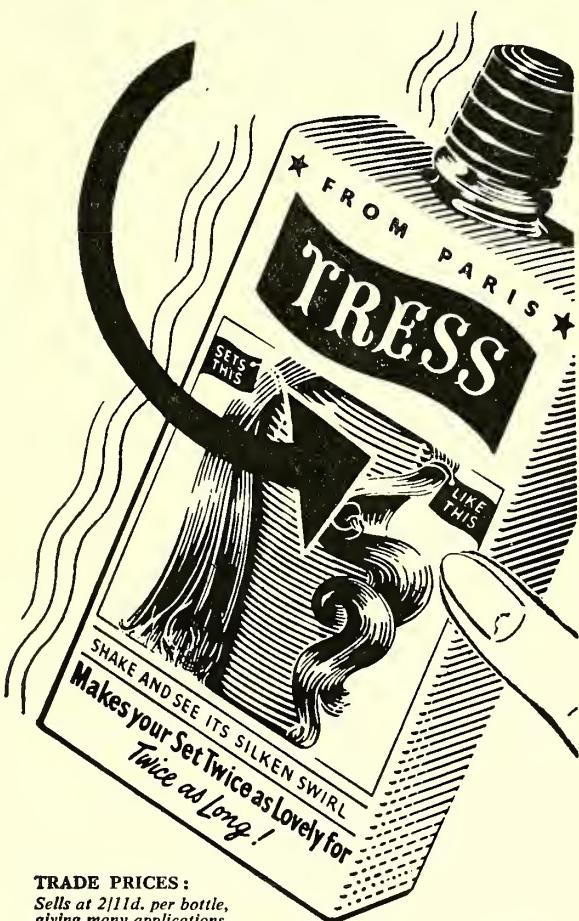
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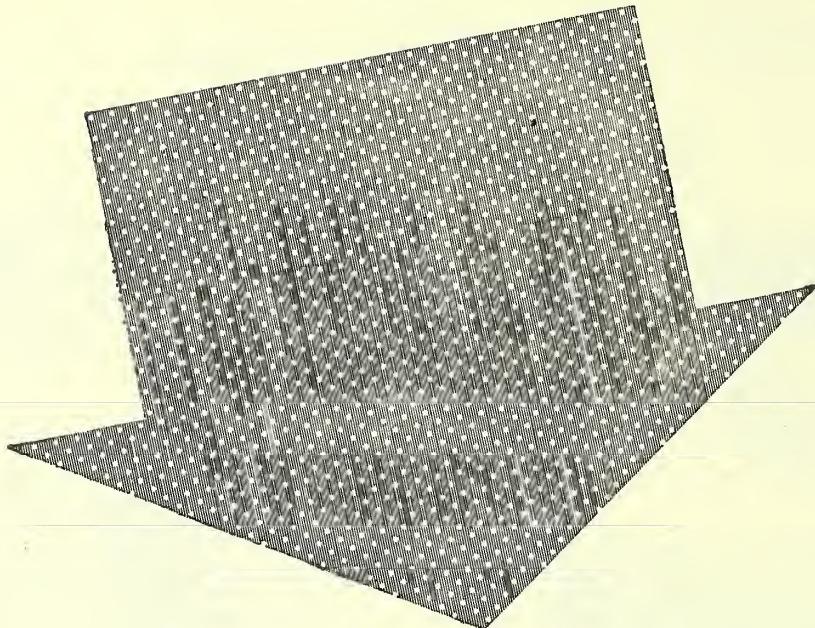
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BURY AND ROSENDALE HOSPITAL MANAGEMENT COMMITTEE

FAIRFIELD GENERAL HOSPITAL, BURY, LANCS.

Applications are invited from qualified persons for the vacancy of Pharmacist (part-time) at the above Hospital. The successful candidate is required to work five or six sessions per week in accordance with the conditions laid down by the Whitley Council. Applications, stating age, qualifications, and experience, together with the names of three referees, should be submitted as soon as possible to the Hospital Secretary, Fairfield General Hospital, Bury, Lancs.

H. WILKINSON,
Group Secretary.
C 9886

KIDDERMINSTER AND DISTRICT GENERAL HOSPITAL

ASSISTANT IN DISPENSING required at the above hospital; preference holder of Certificate of Apothecaries' Hall. Salary scale; entrants under age 22; £130 at 16 rising by annual increments to £415. Entrants at age 22 or over; £320 rising by annual increments to £415. Possession of the above Certificate entitles the holder to an extra £15 p.a. Applications, with full particulars and the names of two referees to the Hospital Secretary. C 9890

ST. PETER'S HOSPITAL, CHERTSEY, SURREY

APPOINTMENT OF PHARMACIST
Applications are invited from Registered Pharmacists for the above post at St. Peter's Hospital. Salary and conditions of service in accordance with Whitley Council decisions. Previous Hospital experience not essential. Applications, stating age, qualifications and experience, together with names of two referees to be submitted to the Hospital Secretary at above address as soon as possible quoting reference C.D. C 139

SWINDON AND DISTRICT HOSPITAL MANAGEMENT COMMITTEE

PHARMACIST
Applications invited for the appointment of Pharmacist in the above group. Salary £450 x £25—£575. Pharmaceutical Whitley Council conditions of service. National Health Service Superannuation. Applications, giving full particulars, together with referees, to Group Secretary, Swindon and District Hospital Management Committee, Okus Road, Swindon, immediately. C 9892

WEST HAM GROUP HOSPITAL MANAGEMENT COMMITTEE, STRATFORD, LONDON, E.15

Applications are invited for the appointment of SENIOR PHARMACIST for duties at PLAISTOW HOSPITAL and QUEEN MARY'S HOSPITAL, under the direction of the Chief Pharmacist. Salary £525 x £25 to £625 plus London Weighting. Conditions of service in accordance with Pharmaceutical Whitley Council. Applications, stating age, qualifications and full details of experience, together with the names of two referees should be sent to the undersigned as soon as possible. M. J. HUNTERLY, Secretary.

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Applicants should have a recognised pharmaceutical qualification registrable with the South African Pharmacy Board, supplemented, if possible, by a University degree in Science and/or Pharmacy. Practical experience is essential and some previous teaching experience will be a recommendation.

The successful applicant will be appointed on a salary scale within the range £450-£990.

The commencing notch on the scale will depend on the number of years of teaching and/or practical experience after the training period.

Cost-of-living Allowances are paid at Public Service rates, which are at present £320 per annum for married men and £144 6s. per annum for single persons, and, in addition, there are Provident Fund benefits. A single sea passage will be paid, with half salary from the date of embarkation to the actual date of assumption of duty.

The main duties will be to teach pharmaceutical subjects, viz.: Pharmacy, Pharmacognosy and Pharmaceutical Chemistry to students training for the Diploma in Pharmacy of the South African Pharmacy Board.

The successful candidate will be required to commence duty at the beginning of July, 1953.

Forms of application, together with Conditions of Service, which may be obtained from Messrs. Frank Ross & Co. (London) Ltd., 4 Lloyds Avenue, London, E.C.3, should be completed and submitted by air mail to the Director, P.O. Box 3293, Johannesburg, South Africa, as early as possible. C 9883

WEST MIDDLESEX HOSPITAL (SOUTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE)

Pharmacist required at above Hospital. Salary scale £450 x £25 to £575 plus London Weighting. Higher qualification allowance £25 per annum. Whitley Conditions applicable. Applications, stating age, qualifications, and experience with names of two referees, to Chief Pharmacist, West Middlesex Hospital, Isleworth, Middlesex. C 9884

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Apply, giving full details of age, qualifications, experience, etc., and the names of two persons to whom reference may be made to the undersigned at Nether Edge Hospital, Sheffield, 11.

W. STANSFIELD,
Secretary.
C 9879

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The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

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NORTH-LONDON SUBURB. Pharmacist required to manage recently established branch on new housing estate. Shop and Dispensary beautifully fitted. Plenty of opportunity for "go-ahead" man to develop business on sound lines. Generous salary, commission and rota duty payments, superannuation benefits, etc. Apply to Superintendent Chemist, Grange Road, Leyton, E.10. C 3004

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MODERN CHEMIST SHOP fittings, drug ranges, wallcases with frameless sliding doors, display counters and showcases; all styles of window fittings and display stands. D. Matthews & Son, Ltd., Complete Chemist Shop Fitters and Shop Front Builders, 14-16 Manchester St., Liverpool.

PURE CHOLESTEROL. Inquiries invited, substantial quantity below market price. Box C 2985.

PACKAGING. Cardboard carton, folding and rigid boxes and tubes, letterpress and litho. Packings for special purposes. Johns, Son & Watts, Ltd., 2-4 Epworth St., London, E.C.2. Telephone: Monarch 7408. C 1231

MISCELLANEOUS

THE TRADE MARK "Willow Pattern" No. 651185, reg. for perfumed soap, perfumes, cosmetic preparations, non-medicated toilet preparations, for disposal, together with reg. co. if required. Principals only. Box C 3011.

PREMISES FOR SALE

17/6 for 36 words (min.) then 4d. per word.
Box 2/-

WHYTELEAF, SURREY. Freehold shop, living accommodation, 5 rooms, kit., b/rm., garage, w/shop, ideal as chemist, little opposition, excellent condition, mod. fittings, mortgage £2,700 available, Price £4,000. Gibson Park, 295 High St., Croydon. Tel.: Cro. 2257 or 4779. C 3023

The C and D WEEKLY LIST OF PRICE CHANGES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; * = Tax 33½ per cent.; † = Tax 100 per cent.

ALLEN & HANBURY'S, LTD. (from January 1)

	DOZ.	I.R.P.
Glucos D., Allenburs	25 6	2 10 R
Glucose, purified	23 6	2 10 R

CUXSON, GERRARD & CO., LTD.
Minster brand indigestion tablets* 2-oz. 7 0 I 0 A
1 lb. 6-lb. 4 0 oz. 6 A
Doz. 50 10 3 1 7 A
Sanisquares 30 x 30 in. 22 6 2 7 A
Dorothy sanitary belt* 10 0 I 4½ A
The above item is taxed at 25 per cent.

DELAVALLE (G.B.), LTD. (from January 1)
Piccadilly novelty 36 0 7 6 A

GILLETTE INDUSTRIES, LTD. (from December 29)
Blue Gillette and Valet razor blades* 10 2 11 A
5 1 5½ A
Blue Gillette 10-blade dispenser* 3 0 A
20-blade dispenser* 5 8 A

PARKE, DAVIS & CO., LTD. (from January 1)
Cosylan* 4-fl.-oz. 4 3½ A
16-fl.-oz. 12 6 A
80-fl.-oz. 55 0 A
Only the 4-fl.-oz. size is subject to tax.

ROUSSEL LABORATORIES, LTD. (from January 1)
Pregnenolone glossettes 100 mgm. 10 42 0 R
100 405 0 R
250 975 0 R

THE BRITISH DRUG HOUSES, LTD. (from January 1)
Pregnenolone ampoules Each
100 mgm. 3 11 2 16 9 R
25 88 6 132 9 R
tablets 100 mgm. 20 56 0 84 0 R
100 270 0 405 0 R
3 x 100 260 0 390 0 R

P.A.T.A. PROTECTED LIST

Part 1

LOFTHOUSE & SALTNER, LTD.
Losall's halibut liver oil Doz.
capsules 24 12 6 I 8 R
halibut liver oil ½-oz. 14 6 I 11 R
½-oz. 27 0 3 6 R

Part 2
CRYSTAL PRODUCTS CO., LTD. (Addition)
Outdoor Girl lipstain† 9 8 2 0

HENRY C. MINER, LTD. (Addition)
Chlorophyll deodorant stick† 12 0 2 6

RECKITT & SONS (RECKITT & COLMAN, LTD.).
Amended terms to retailers on orders for Steradent.—The 5 per cent. display discount applies to 30s. orders; the 10 per cent. to 60s. orders. If a £3 10s. assorted Dettol parcel includes £3 worth of Steradent, the Steradent is subject to 10 per cent. discount. All other terms remain unchanged.

In the Irish Republic:—
Steradent denture cleaner 15 0 1 8 A
Dettol antiseptic 11 9 1 4 A
20 9 2 4 A
34 2 4 0 A
Dettol obstetric cream 18 0 2 0 A
45 0 5 0 A

Deletions: Part 1
BAYER PRODUCTS, LTD.
Alamag tablets

BEECHAMS PILLS, LTD.
Beechams lung syrup

BELL, HILLS & LUCAS, LTD.
Cresyl bell liquid; Paramag; Parathol

THE BRITISH DRUG HOUSES, LTD.
Salimax (large); Sanusin Sempules

CHRISTIE, GEORGE & CO., LTD.
Ephedrine cream

DIMOL, LTD.
All Dimol preparations

J. G. INGRAM & SON, LTD.
Eclipse hot water bottles; Utilema enema; Zebina

LUMA PRODUCTS, LTD.
Luma ointment

PARKE, DAVIS & CO., LTD.
Vegetable laxative tablets

Part 2

CRYSTAL PRODUCTS CO., LTD.
Outdoor Girl:—Four purpose cream; cold cream; powder cream; Hollywood perfume; leg tan cream.

R. DEMUTH, LTD.
Pomp D.D.T. dusting powder

HALEX, LTD.
Halex shaving brushes

MACLEANS, LTD.
Oslo Pine bath salts

HENRY C. MINER, LTD.
Dream face (foundation and powder compact); liquid gloves

PINAUD, LTD.
All Pinaud preparations

R. J. REUTER CO., LTD.
"4711":—Cleansing cream and milk; astringent refresher; La Bohème cologne; liquid shampoo; lipsticks; bath salts and bath dusting powder; double Impériale cologne; face powder; Tel-Cama toilet and dusting powder.

HENRY TETLOW CO., LTD.
Swandbox:—Skin food; complexion milk; lip stick

WESTERN DENTAL MANUFACTURING CO., LTD.
Sotol tooth paste

NEW PRODUCTS AND PACKS
H. W. CARTER & CO., LTD.
Rosena 8-oz. 2 10

CORTIFORTE LABORATORIES, LTD.
Cortiforte cream* 2-oz. 36 0 5 6
16-oz. 18 0

CUXSON, GERRARD & CO., LTD.
Sanoid sanitary belt 12 0 I 7
The above item is taxed at 25 per cent.
Sanisquares 24 x 24 in. 16 4 1 10½

Chloramphenicol sol:
10 per cent. 5-c.c. 9 0
Frangula compound tablets
dispensing pack 250 14 1
dispensing pack 1,000 55 0

ENERGEN FOODS CO., LTD.
Energen rolls display pack 30 2 6
60 4 6

THE CROOKES LABORATORIES, LTD.
Lactalumina (anti-spasmodic) 6-oz. 3 6
12-oz. 6 6
80-oz. 39 0
Invert sugar transfusion solution
10 per cent. 560-mils. 6 4



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84 BROOK STREET, GROSVENOR SQUARE, LONDON W.I

JANUARY 3 1953



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